



PT SUPREME CABLE

MANUFACTURING & COMMERCE Tbk.

(PT SUCACO Tbk.)



Product Catalogue **TELECOMMUNICATION CABLE**

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**QUALITY CABLE
YOU CAN TRUST**

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Company Background

Specializing in the cable business since 1970, PT SUPREME CABLE MANUFACTURING & COMMERCE Tbk. (PT SUCACO Tbk.) has grown steadily to become a largest and leading cable manufacturer, with international reputation for quality and reliability. Established in 1970, PT SUCACO Tbk. is a pioneer in the modern industry. With technical assistance from Furukawa Electric Co Ltd. Japan and International Executives Service Corp, USA, the company began commercial operations in 1972.

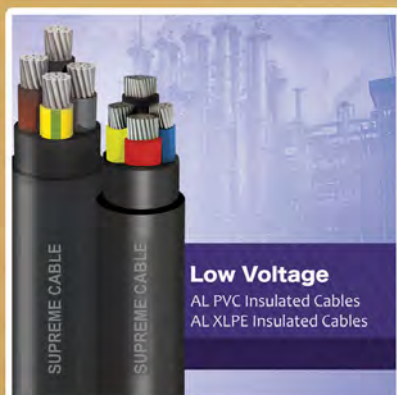
We produce and markets power cable up to 150 kV, optical and telecommunication cables, control cables, instrumentation cables, coaxial cables, aluminium bare over head conductors and enamelled wires under brand name of " SUPREME ". The Company is also involved through its affiliated companies, in various line of business. The company has a Quality Assurance Program and ISO 9001 certificate from SGS international certification body of quality management system, ISO 14001 for environment management system and ISO 18001 for safety management system. Today, PT SUCACO Tbk. has grown to become a reliable partner in infrastructures, buildings and various projects.



OUR PRODUCTS



SUPREME CABLE
Your Partner for Quality and Reliability



*For each product's detail, please found on our product catalogue

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CABLE CONSTRUCTION

“Supreme” Telephone cables are designed based on Telkom Standards (STEL-K) and Manufacturing spec.

Conductor :

The conductor shall be round solid annealed plain copper wire in diameters 0.4, 0.6, 0.8 or 1.0 mm.

Insulation :

The conductor shall be covered with an extruded layer of solid PE, foam-skin PE or PVC. The color coding shall be arranged in according to the specification. The colored insulated shall be twisted into quads and stranded into 10 pairs basic units, 50 pairs basic units or 100 pairs basic unit. A number of basic units shall be performed into the concentric and compact cable core in according to the requirement pair capacities.

Unit Binder Tape :

The pairs basic units and the cable cores shall be bound by the polypropilene or similar plastic tape.

Cable Filling :

The cable filling shall be either petrojelly or polybutene jelly compound.

Core Wrapping Tape :

Core wrapping tape shall be either helically or longitudinally polyester or similar plastic tape.

Electric Shielding :

The electric shielding shall be the alumunium tape polyethylene lamined on either single side or both sides in according tothe requirement.

Armouring :

The mechanical protection shall be helically zinc coated steel double tape or corrugated steel tape.

Sheath :

The cables shall be covered with an extruded layer of black PE or coloring PVC.

Messengger :

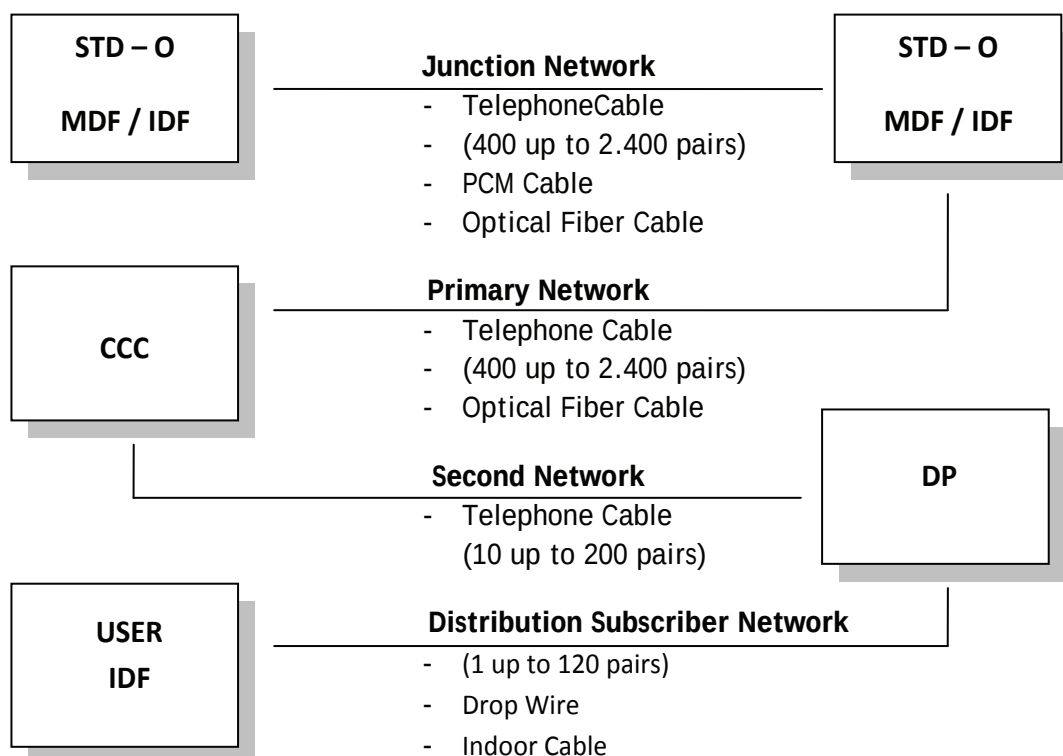
The messengger shall be either single or seven stranded zinc-coated steel wire.

Routine Final Inspection :

Routine Final Inspection will be done for every length of product, such as :

- Visual
- Dimension
- Electrical

THE NETWORK TELECOMMUNICATION



THE APPLICATION OF TELECOMMUNICATION CABLE

CABLE	APPLICATION
Indoor Cable 1 up to 2x2x0.6 mm	Building : Terminal to Telephone set
Indoor Cable 2 up to 200x2x0.6 mm	Building : IDF to Terminal
Burial Cable 1x2x0.6 mm	STD – O : MDF to IDF MDF/IDF to Network System
Drop Wire 1x2x0.6 mm 1x2x0.8 mm	Direct Buried : ❖ Local Network Interconnection ❖ Distribution / Subscriber
Aerial Cable 10 up to 120x2x0.6 mm 10 up to 120x2x0.8 mm 10 up to 120x2x1.0 mm	Aerial Cable : ❖ Local Network Interconnection ❖ Distribution / Subscriber Network
Jelly Filled Arm. Cable 10 up to 2400x2x0.4 mm 10 up to 1400x2x0.6 mm 10 up to 800x2x0.8 mm	Aerial Cable : ❖ Distribution / Subscriber
	Direct Buried ❖ Junction ❖ Primary ❖ Secondary

THE APPLICATION OF TELEPHONE CABLE

CABLE	APPLICATION
Jelly Filled Non Arm. Cable 10 up to 2400x2x0.4 mm 10 up to 1400x2x0.6 mm 10 up to 800x2x0.8 mm	In Duct : ❖ Junction ❖ Primary ❖ Secondary
Duct Cable 10 up to 2400x2x0.4 mm 10 up to 1800x2x0.6 mm 10 up to 1000x2x0.8 mm	
PCM Non Armoured Cable 20 up to 100x2x0.6 mm 20 up to 100x2x0.8 mm	In Duct : ❖ Digital Junction Network
PCM Armoured Cable 20 up to 100x2x0.6 mm 20 up to 100x2x0.8 mm	Direct Buried : ❖ Digital Junction Network

NOMENCLATURE

CODE	DISCRIPTION
T	Burial Cable
TP	Duct Cable
U	Aerial Cable
S	River Cable
R	Indoor Cable
V	PVC Insulation
E	PE - Insulation
Ebk	PE - Foam / Skin Insulation
J	Jelly Filled
(Pe)	Electric Shielding - Alumunium Tape
(Pem)	Electric and Mechanical Shielding
(Pcl)	Electrical Internal Shielding
(Pclm)	Electric and Mechanical Internal Shielding
(Pemu)	Electrical & Corrugated Mechanical Shielding
V	PVC Outer Sheath
E	PE Outer Sheath
S	Self Supporting Messenger Wire

NOMENCLATURE OF CABLE

EXAMPLE :	
1. R - vv	: Indoor Cable PVC Insulation PVC Outer Sheath
2. U - E (Pe) ES	: Aerial Cable PE Insulation Alumunium Tape Shielding PE Outer Sheath Self Supporting - Messenger Wire
3. T - Ebk.J (Pem) E	: Burial Cable PE - Foam / Skin Insulation Jelly Filled Electrical And Mechanical Shielding PE Outer Sheath

AERIAL CABLE U-E (Pe) ES

Polyethylene insulated, Single coated aluminium foil shielded,
Zinc-coated round steel wire messenger, Polyethylene sheathed
(Specification : STEL-K-001)

Size : 10 up to 120 x 2 x 0.6 mm
10 up to 120 x 2 x 0.8 mm
10 up to 120 x 2 x 1.0 mm

DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Nominal Thickness		Approximately		Standard Length	Delivery form
		Insulation	Sheath	Overall diameter	Net. Weight		
mm	pair	mm	mm	mm	kg/km	m	-
0.6	10	Minimum : 0.20	1.0	11.1	238	1,000	Drum
	20		1.0	14.0	321	1,000	
	30		1.3	16.0	406	1,000	
	40		1.3	18.0	485	1,000	
	50	Nominal : 0.25	1.5	19.7	567	1,000	
	60		1.5	21.2	774	1,000	
	80		1.7	24.0	929	500/1,000	
	100		1.8	27.0	1,074	500/1,000	
	120		1.8	29.5	1,222	500/1,000	
0.8	10	Minimum : 0.25	1.0	13.0	299	1,000	Drum
	20		1.3	17.0	442	1,000	
	30		1.5	19.5	575	1,000	
	40		1.5	22.0	704	1,000	
	50	Nominal : 0.30	1.7	24.0	835	1,000	
	60		1.8	26.5	1,098	1,000	
	80		1.8	29.5	1,346	500/1,000	
	100		2.0	33.5	1,629	500/1,000	
	120		2.0	36.0	1,878	500/1,000	
1.0	10	Minimum : 0.30	1.3	15.0	379	1,000	Drum
	20		1.5	19.5	582	1,000	
	30		1.7	23.5	784	1,000	
	40		1.8	26.5	992	1,000	
	50	Nominal : 0.35	1.8	29.0	1,182	1,000	
	60		2.0	32.0	1,522	1,000	
	80		2.2	36.5	1,941	500/1,000	
	100		2.2	40.0	2,314	500/1,000	
	120		2.2	43.0	2,689	500/1,000	

ELECTRICAL DATA

Nominal Conductor diameter	Resistance at 20°C		Max . mutual capacitance at 800 Hz	AC Voltage Test	
	Max. conductor	Min. insulation		Core to core	Core to screen
mm	Ohm/km	M.ohm.km	nF/km	Volt/1 min	
0.6	65.0	10,000	55	500	2,000
0.8	36.5	10,000	55	500	2,000
1.0	23.4	10,000	62	500	2,000

Note : This is only general information. For other specific requirement, please contact our marketing.

INDOOR CABLE
R - VV

PVC insulated, PVC sheathed
(Specification : STEL-K-002)
Size : 1 x 2 x 0.6 mm

DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Nominal Thickness		Approximately		Standard Length	Delivery form
		Insulation	Sheath	Overall diameter	Net. Weight		
mm	pair	mm	mm	mm	kg/km	m	-
0.6	1	Nominal : 0.20	0.7	3.5	19	500	Coil

ELECTRICAL DATA

Nominal Conductor diameter	Resistance at 20°C		Max . mutual capacitance at 800 Hz
	Max. conductor	Min. insulation	
mm	Ohm/km	M.ohm.km	nF/km
0.6	65	100	120

Note : This is only general information. For other specific requirement, please contact our marketing.



INDOOR CABLE

R - VV

PVC insulated, PVC sheathed
(Specification : STEL-K-011)
Size : 2 up to 100 x 2 x 0.6 mm



DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Nominal Thickness		Approximately		Standard Length	Delivery form
		Insulation	Sheath	Overall diameter	Net. Weight		
mm	pair	mm	mm	mm	kg/km	m	-
0.6	2	Minimum : 0.15	1.0	5.9	33	250	Coil
	6		1.0	8.4	74	250	
	10		1.0	10.0	107	250	
	20	Nominal : 0.20	1.0	13	187	500	Drum
	30		1.3	16	282	500	
	40		1.3	17.9	358	500	
	50		1.5	20.2	450	500	
	60		1.5	21.8	526	500	
	70		1.7	23.6	619	500	
	80		1.8	25.1	704	500	
	100		1.8	27.6	849	500	

ELECTRICAL DATA

Nominal Conductor diameter	Resistance at 20°C		Max . mutual capacitance at 800 Hz	AC Voltage Test
	Max. conductor	Min. insulation		Core to core
mm	Ohm/km	M.ohm.km	nF/km	Volt/1 min
0.6	64	100	120	800

Note : This is only general information. For other specific requirement, please contact our marketing.

INDOOR CABLE

R - V (Pe) V

PVC Insulated, Single coated aluminium foil shielded,
PVC sheathed
(Specification : STEL-K-010)
Size : 2 up to 100 x 2 x 0.6 mm



DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Nominal Thickness		Approximately		Standard Length	Delivery form
		Insulation	Sheath	Overall diameter	Net. Weight		
mm	pair	mm	mm	mm	kg/km	m	-
0.6	2	Minimum : 0.15	1.0	5.9	33	250	Coil
	6		1.0	8.4	80	250	
	10		1.0	10.0	115	250	
	20	Nominal : 0.20	1.0	13.0	195	500	Drum
	30		1.3	16.0	293	500	
	40		1.3	17.9	371	500	
	50		1.5	20.2	464	500	
	60		1.5	21.8	541	500	
	70		1.7	23.6	636	500	
	80		1.8	25.1	722	500	
	100		1.8	27.6	868	500	

ELECTRICAL DATA

Nominal Conductor diameter	Resistance at 20°C		Max . mutual capacitance at 800 Hz	AC Voltage Test
	Max. conductor	Min. insulation		Core to core
mm	Ohm/km	M.ohm.km	nF/km	Volt/1 min
0.6	65	100	120	800

Note : This is only general information. For other specific requirement, please contact our marketing.

BURIAL CABLE

T - E

Plain annealed copper wire, Polyethylene insulated
(Specification : STEL-K-003)
Size : 1 x 2 x 0.6 mm



DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Insulation	Approximately		Standard Length	Delivery form
			Overall diameter	Net. Weight		
mm	pair	mm	mm	kg/km	m	-
0.6	1	Minimum : 0.53 Nominal : 0.70	2.1 x 5.0	12	500	Coil

ELECTRICAL DATA

Nominal Conductor diameter	Resistance at 20°C		Spark AC Voltage Test
	Max. conductor	Min. insulation	
mm	Ohm/km	M.ohm.km	Volt/1 min
0.6	65	10,000	10,000

Note : This is only general information. For other specific requirement, please contact our marketing.

DROP WIRE
U - ES

Plain annealed copper wire, Polyethylene insulated
(Specification : STEL-K-004)
Size : 1 x 2 x 0.6 mm



DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Insulation	Approximately		Standard Length	Delivery form
			Overall diameter	Net. Weight		
mm	pair	mm	mm	kg/km	m	-
0.6	1	Minimum : 0.60 Nominal : 0.75	5.0	26	500	Coil

ELECTRICAL DATA

Nominal Conductor diameter	Resistance at 20°C		Spark AC Voltage Test
	Max. conductor	Min. insulation	
mm	Ohm/km	M.ohm.km	Volt/1 min
0.6	65	10,000	10,000

Note : This is only general information. For other specific requirement, please contact our marketing.

JELLY FILLED ARMoured CABLE

T - EJ (Pem) E

Polyethylene insulated, Cable filled compound,
Double coated alumunium tape shielded,
Zinc-coated steel tape armoured, Polyethylene sheathed
(Specification : STEL-K-007)

Size : 10 up to 1,200 x 2 x 0.4 mm

DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Nominal Thickness			Approximately		Standard Length	Delivery form
		Insulation	Inner Sheath	Outer Sheath	Overall diameter	Net. Weight		
mm	pair	mm	mm	mm	mm	kg/km	m	-
0.4	10	Minimum : 0.21	1.8	1.4	18	298	1,000	Drum
	20		1.8	1.4	20	404	1,000	
	30		1.8	1.4	22	500	1,000	
	40		1.8	1.4	24	568	1,000	
	50		1.8	1.4	25	635	1,000	
	60		1.8	1.4	27	696	1,000	
	80		1.8	1.4	30	832	1,000	
	100		1.8	1.4	32	956	1,000	
	120	Nominal : 0.26	2.0	1.8	34	1,193	1,000	
	150		2.0	1.8	37	1,347	1,000	
	200		2.0	1.8	41	1,670	500	
	250		2.2	2.2	42	2,056	500	
	300		2.2	2.2	45	2,406	500	
	400		2.2	2.2	51	3,010	500	
	500		2.6	2.6	56	3,752	500	
	600		2.6	2.6	61	4,315	350	
	800		3.0	3.0	69	5,525	350	
	1,000		3.0	3.0	77	6,724	300	
	1,200		3.4	3.4	83	8,073	250	

ELECTRICAL DATA

Nominal Conductor diameter	Resistance at 20°C		Max . mutual capacitance at 800 Hz	AC Voltage Test	
	Max. conductor	Min. insulation		Core to core	Core to screen
mm	Ohm/km	M.ohm.km	nF/km	Volt/1 min	
0.4	150	10,000	50	500	2,000

Note : This is only general information. For other specific requirement, please contact our marketing.



JELLY FILLED ARMoured CABLE

T - EJ (Pem) E

Polyethylene insulated, Cable filled compound,
Double coated alumunium tape shielded, Zinc-coated
steel tape armoured, Polyethylene sheathed
(Specification : STEL-K-007)

Size : 10 up to 800 x 2 x 0.6 mm
10 up to 400 x 2 x 0.8 mm

DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Nominal Thickness			Approximately		Standard Length	Delivery form
		Insulation	Inner Sheath	Outer Sheath	Overall diameter	Net. Weight		
mm	pair	mm	mm	mm	mm	kg/km	m	-
0.6	10	Minimum : 0.27	1.8	1.4	19	390	1,000	Drum
	20		1.8	1.4	24	536	1,000	
	30		1.8	1.4	27	675	1,000	
	40		1.8	1.4	29	811	1,000	
	50		1.8	1.4	31	953	1,000	
	60		1.8	1.8	33	1,110	1,000	
	80	Nominal : 0.32	2.0	1.8	37	1,382	1,000	
	100		2.0	1.8	40	1,696	1,000	
	120		2.0	1.8	41	1,844	1,000	
	150		2.2	2.2	45	2,319	1,000	
	200		2.2	2.2	49	2,939	1,000	
	250		2.6	2.6	55	3,617	500	
	300		2.6	2.6	59	4,218	500	
	400		2.6	3.0	68	5,448	500	
	500		2.6	3.0	74	6,839	300	
	600		3.4	3.4	81	8,144	250	
	800		3.4	3.8	92	10,349	200	
0.8	10	Minimum : 0.36	1.8	1.4	22	482	1,000	Drum
	20		1.8	1.8	27	753	1,000	
	30		1.8	1.8	31	976	1,000	
	40		1.8	1.8	34	1,188	1,000	
	50		2.0	1.8	37	1,414	1,000	
	60		2.0	1.8	39	1,612	1,000	
	80	Nominal : 0.40	2.0	2.2	41	2,051	1,000	
	100		2.2	2.2	46	2,491	1,000	
	120		2.2	2.2	49	2,900	1,000	
	150		2.6	2.6	53	3,598	1,000	
	200		2.6	2.6	60	4,517	500	
	250		3.0	3.0	68	5,604	350	
	300		3.0	3.0	72	6,800	350	
	400		3.4	3.4	83	9,107	250	

ELECTRICAL DATA

Nominal Conductor diameter	Resistance at 20°C		Max . mutual capacitance at 800 Hz	AC Voltage Test	
	Max. conductor	Min. insulation		Core to core	Core to screen
mm	Ohm/km	M.ohm.km	nF/km	Volt/1 min	
0.6	65.0	10,000	50	500	2,000
0.8	36.5	10,000	55	500	2,000

Note : This is only general information. For other specific requirement, please contact our marketing.



JELLY FILLED NON ARMoured CABLE

Tp - EJ (Pe) E

Polyethylene insulated, Cable filled compound,
Double coated aluminium tape shielded, Polyethylene sheathed
(Specification : STEL-K-008)

Size : 10 up to 1,200 x 2 x 0.4 mm

DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Nominal Thickness		Approximately		Standard Length	Delivery form
		Insulation	Sheath	Overall diameter	Net. Weight		
mm	pair	mm	mm	mm	kg/km	m	-
0.4	10	Minimum : 0.21	1.8	15.5	116	1,000	Drum
	20		1.8	18.0	184	1,000	
	30		1.8	19.5	248	1,000	
	40		1.8	21.0	298	1,000	
	50		1.8	22.0	346	1,000	
	60		1.8	23.5	393	1,000	
	80		1.8	26.0	498	1,000	
	100	Nominal : 0.26	1.8	27.5	596	1,000	
	120		2.0	29.5	747	1,000	
	150		2.0	32.0	873	1,000	
	200		2.0	36.0	1,140	500	
	250		2.2	39.0	1,407	500	
	300		2.2	42.0	1,710	500	
	400		2.2	47.0	2,227	500	
	500		2.6	52.0	2,780	500	
	600		2.6	56.0	3,289	500	
	800		3.0	63.0	4,333	350	
	1,000		3.0	69.0	5,398	350	
	1,200		3.4	75.0	6,515	300	

ELECTRICAL CHARACTERISTICS

Nominal Conductor diameter	Resistance at 20°C		Max . mutual capacitance at 800 Hz	AC Voltage Test	
	Max. Conductor	Min. Insulation		Core to core	Core to screen
mm	Ohm/km	M.ohm.km	nF/km	Volt/1 min	
0.4	150	10,000	50	500	2,000

Note : This is only general information. For other specific requirement, please contact our marketing.



JELLY FILLED NON ARMoured CABLE

Tp - EJ (Pe) E

Polyethylene insulated, Cable filled compound, Double coated alumunium tape shielded, Polyethylene sheathed
(Specification : STEL-K-008)

Size : 10 up to 800 x 2 x 0.6 mm
10 up to 400 x 2 x 0.8 mm

DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Nominal Thickness		Approximately		Standard Length	Delivery form
		Insulation	Sheath	Overall diameter	Net. Weight		
mm	pair	mm	mm	mm	kg/km	m	-
0.6	10	Minimum : 0.27	1.8	17.5	179	1,000	Drum
	20		1.8	20.5	297	1,000	
	30		1.8	23.0	403	1,000	
	40		1.8	25.0	510	1,000	
	50		1.8	27.0	602	1,000	
	60		2.0	29.0	737	1,000	
	80		2.0	31.5	942	1,000	
	100		2.0	34.0	1,164	1,000	
	120		2.0	36.0	1,380	1,000	
	150		2.2	40.5	1,710	1,000	
	200	Nominal : 0.32	2.2	45.0	2,227	500	
	250		2.6	50.0	2,784	500	
	300		2.6	54.0	3,290	500	
	400		2.6	61.0	4,396	350	
	500		3.0	67.0	5,538	350	
	600		3.4	73.0	6,663	300	
	800		3.4	83.0	8,627	250	
0.8	10	Minimum : 0.36	1.4	23.5	259	1,000	Drum
	20		1.8	24.0	444	1,000	
	30		1.8	27.0	620	1,000	
	40		1.8	30.0	792	1,000	
	50		2.0	32.5	977	1,000	
	60		2.0	35.0	1,144	1,000	
	80		2.0	38.0	1,478	1,000	
	100		2.2	42.0	1,852	1,000	
	120	Nominal : 0.40	2.2	45.0	2,212	1,000	
	150		2.6	50.0	2,765	1,000	
	200		2.6	56.0	3,579	500	
	250		3.0	62.0	4,479	500	
	300		3.0	66.5	5,528	350	
	400		3.4	76.0	7,515	300	

ELECTRICAL DATA

Nominal Conductor diameter	Resistance at 20°C		Max . mutual capacitance at 800 Hz	AC Voltage Test	
	Max. conductor	Min. insulation		Core to core	Core to screen
mm	Ohm/km	M.ohm.km	nF/km	Volt/1 min	
0.6	65	10,000	50	500	2,000
0.8	36.5	10,000	55	500	2,000

Note : This is only general information. For other specific requirement, please contact our marketing.



DUCT CABLE

Tp - E (Pe) E

Polyethylene insulated, Double coated aluminium tape shielded,
Polyethylene sheathed
(Specification : STEL-K-009)

Size : 150 up to 1,200 x 2 x 0.4 mm
150 up to 1,200 x 2 x 0.6 mm
150 up to 600 x 2 x 0.8 mm

DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Nominal Thickness		Approximately		Standard Length	Delivery form
		Insulation	Inner Sheath	Overall diameter	Net. Weight		
mm	pair	mm	mm	mm	kg/km	m	-
0.4	150	Minimum : 0.15	1.8	29	650	1,000	Drum
	200		2.0	33	843	500	
	250		2.0	34	1,020	500	
	300		2.0	38	1,195	500	
	400		2.2	42	1,576	500	
	500	Nominal : 0.20	2.2	46	1,925	500	
	600		2.6	50	2,305	500	
	800		2.6	56	2,983	500	
	1,000		2.6	62	3,683	350	
	1,200		3.0	67	4,380	350	
0.6	150	Minimum : 0.20	2.0	37	1,250	1,000	Drum
	200		2.2	41	1,633	500	
	250		2.2	45	1,993	500	
	300		2.2	47	2,434	500	
	400		2.6	55	3,122	500	
	500	Nominal : 0.25	2.6	61	3,844	350	
	600		3.0	65	4,604	350	
	800		3.0	74	6,007	250	
	1,000		3.4	81	7,479	250	
	1,200		3.8	84	8,952	250	
0.8	150	Minimum : 0.25	2.2	44	2,082	1,000	Drum
	200		2.2	50	2,706	500	
	250		2.6	55	3,391	500	
	300		2.6	59	3,952	350	
	400	Nominal : 0.30	3.0	67	5,600	350	
	500		3.0	74	6,641	250	
	600		3.4	80	7,780	250	

Note : For smaller size contact manufacturer

ELECTRICAL DATA

Nominal Conductor diameter	Resistance at 20°C		Max . mutual capacitance at 800 Hz	AC Voltage Test	
	Max. Conductor	Min. Insulation		Core to core	Core to screen
mm	Ohm/km	M.ohm.km	nF/km	Volt/1 min	
0.4	150.0	10,000	50	500	2,000
0.6	65.0	10,000	55	500	2,000
0.8	36.5	10,000	55	500	2,000

Note : This is only general information. For other specific requirement, please contact our marketing.



PCM CABLE

Tp - EJ (Pcl) E

Polyethylene insulated, Protruding alumunium internal screened,Cable filled compound
Double coated, Alumunium tape shielded, Polyethylene sheathed
(Specification : Manufacturing Spec)

Size : 20 up to 100 x 2 x 0.6 mm
20 up to 100 x 2 x 0.8 mm

DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Sheath nominal Thickness	Approximately		Standard Length	Delivery form
			Overal diameter	Net. Weight		
mm	pair	mm	mm	mm	kg/km	m
0.6	20	1.6	20	388	1,000	Drum
	40	1.6	25	655	1,000	
	80	1.8	33	1,168	1,000	
	100	2.2	37	1,451	1,000	
0.8	20	1.6	23	557	1,000	Drum
	40	1.8	30	990	1,000	
	80	2.2	41	1,830	1,000	
	100	2.2	45	2,220	1,000	

ELECTRICAL DATA

Nominal Conductor diameter	Resistance at 20°C		Max . mutual capacitance at 800 Hz	AC Voltage Test	
	Max. conductor	Min. insulation		Core to core	Core to screen
mm	Ohm/km	M.ohm.km	nF/km	Volt/3 sec	
0.6	65.0	10,000	44	500	2,000
0.8	36.5	10,000	44	500	2,000

Note : This is only general information. For other specific requirement, please contact our marketing.



FOAM -SKIN JELLY FILLED NON ARMoured CABLE

Tp - Ebk.J (Pe) E

Foam-skin polyethylene insulated, Cable filled compound,
Double coated alumunium tape shielded, Polyethylene sheathed
(Specification : Manufacturing Spec)
Size : 10 up to 2,400 x 2 x 0.4 mm



DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Nominal Thickness		Approximately		Standard Length	Delivery form
		Insulation	Inner Sheath	Overall diameter	Net. Weight		
mm	pair	mm	mm	mm	kg/km	m	-
0.4	10*	0.16	1.8	11	110	1,000	Drum
	20*		1.8	12	160	1,000	
	30*		1.8	14	210	1,000	
	40*		1.8	15	260	1,000	
	50*		1.8	16	310	1,000	
	60*		1.8	17	350	1,000	
	80*		1.8	19	430	1,000	
	100		1.8	20	520	1,000	
	120		1.8	22	605	1,000	
	150		2.0	24	740	1,000	
	200		2.0	27	950	1,000	
	250		2.0	29	1,155	1,000	
	300		2.0	31	1,370	1,000	
	400		2.0	36	1,780	1,000	
	500		2.2	39	2,225	1,000	
	600		2.2	42	2,630	1,000	
	800		3.6	49	3,465	500	
	1,000		2.6	53	4,320	500	
	1,200		3.0	59	5,210	400	
	1,400		3.0	63	5,740	400	
	1,600		3.0	66	6,555	300	
	1,800		3.4	71	7,355	300	
	2,000		3.4	74	8,135	300	
	2,200		3.4	77	8,935	300	
	2,400		3.8	81	9,770	300	

ELECTRICAL DATA

Nominal Conductor diameter	Resistance at 20°C		Max . mutual capacitance at 800 Hz	AC Voltage Test
	Max. conductor	Min. insulation		Core to screen
mm	Ohm/km	M.ohm.km	nF/km	Volt/1 min
0.4	150	10,000	50	1,000

Note : This is only general information. For other specific requirement, please contact our marketing.

FOAM -SKIN JELLY FILLED NON ARMoured CABLE

Tp - Ebk.J (Pe) E

Foam-skin polyethylene insulated, Cable filled compound,
Double coated alumunium tape shielded, Polyethylene sheathed
(Specification : Manufacturing Spec)

Size : 10 up to 1,400 x 2 x 0.6 mm



DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Nominal Thickness		Approximately		Standard Length	Delivery form
		Insulation	Inner Sheath	Overall diameter	Net. Weight		
mm	pair	mm	mm	mm	kg/km	m	-
0.6	10*	0.18	1.8	12	160	1,000	Drum
	20*		1.8	15	260	1,000	
	30*		1.8	17	350	1,000	
	40*		1.8	18	430	1,000	
	50*		1.8	20	520	1,000	
	60*		1.8	21	600	1,000	
	80*		1.8	23	760	1,000	
	100		2.0	26	945	1,000	
	120		2.0	28	1,115	1,000	
	150		2.0	30	1,350	1,000	
	200		2.0	34	1,760	1,000	
	250		2.2	38	2,180	1,000	
	300		2.2	40	2,630	1,000	
	400		2.2	46	3,515	500	
	500		2.6	51	4,430	500	
	600		2.6	55	5,330	500	
	800		3.0	63	6,900	450	
	1,000		3.4	70	8,140	450	
	1,200		3.4	76	9,765	300	
	1,400		3.8	82	11,465	250	

ELECTRICAL DATA

Nominal Conductor diameter	Resistance at 20°C		Max . mutual capacitance at 800 Hz	AC Voltage Test	
	Max. conductor	Min. insulation		Core to core	Core to screen
mm	Ohm/km	M.ohm.km	nF/km	Volt/1 min	
0.6	65.0	10,000	55	500	1,000

Note : This is only general information. For other specific requirement, please contact our marketing.

FOAM -SKIN JELLY FILLED NON ARMoured CABLE

Tp - Ebk.J (Pe) E

Foam-skin polyethylene insulated, Cable filled compound,
Double coated alumunium tape shielded, Polyethylene sheathed
(Specification : Manufacturing Spec)

Size : 10 up to 800 x 2 x 0.8 mm



DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Nominal Thickness		Approximately		Standard Length	Delivery form
		Insulation	Inner Sheath	Overal diameter	Net. Weight		
mm	pair	mm	mm	mm	kg/km	m	-
0.8	10*	0.23	1.8	14	230	1,000	Drum
	20*		1.8	17	390	1,000	
	30*		1.8	20	540	1,000	
	40*		1.8	22	690	1,000	
	50*		1.8	24	830	1,000	
	60*		2.0	26	980	1,000	
	80*		2.0	29	1,260	1,000	
	100		2.0	32	1,545	1,000	
	120		2.2	35	1,850	1,000	
	150		2.2	40	2,260	1,000	
	200		2.2	42	2,950	1,000	
	250		2.6	48	3,705	500	
	300		2.6	52	4,420	500	
	400		3.0	59	6,010	500	
	500		3.0	65	7,285	300	
	600		3.4	71	8,845	300	
	800		3.8	82	12,025	250	

ELECTRICAL DATA

Nominal Conductor diameter	Resistance at 20°C		Max . mutual capacitance at 800 Hz	AC Voltage Test
	Max. conductor	Min. insulation		Core to screen
mm	Ohm/km	M.ohm.km	nF/km	Volt/1 min
0.8	36.5	10,000	55	1,000

Note : This is only general information. For other specific requirement, please contact our marketing.

FOAM -SKIN JELLY FILLED ARMoured CABLE

T - Ebk.J (Pem) E

Foam-skin polyethylene insulated, Cable filled compound,
Double coated alumunium tape shielded, Zinc-coated
steel tape armoured, Polyethylene sheathed
(Specification : STEL QA-K.020-1996 / Manufacturing Spec)
Size : 10 up to 2,400 x 2 x 0.4 mm



DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Nominal Thickness			Approximately		Standard Length	Delivery form
		Insulation	Inner Sheath	Outer Sheath	Overall diameter	Net. Weight		
mm	pair	mm	mm	mm	mm	kg/km	m	-
0.4	10*	0.16	1.8	1.4	15	280	1,000	Drum
	20*		1.8	1.4	17	360	1,000	
	30*		1.8	1.4	18	430	1,000	
	40*		1.8	1.4	19	490	1,000	
	50*		1.8	1.4	20	569	1,000	
	60*		1.8	1.4	21	610	1,000	
	80*		1.8	1.4	23	720	1,000	
	100		1.8	1.8	26	860	1,000	
	120		1.8	1.8	27	970	1,000	
	150		1.8	1.8	29	1,145	1,000	
	200		2.0	1.8	32	1,390	1,000	
	250		2.0	2.2	36	1,650	1,000	
	300		2.0	2.2	38	1,930	1,000	
	400		2.2	2.2	42	2,410	1,000	
	500		2.2	2.2	46	2,860	1,000	
	600		2.2	2.6	49	3,300	1,000	
	800		2.6	2.6	55	4,295	500	
	1,000		2.6	3.0	61	5,140	500	
	1,200		3.0	3.0	66	6,140	400	
	1,400		3.0	3.4	71	6,980	400	
	1,600		3.0	3.4	75	7,795	300	
	1,800		3.4	3.8	80	8,810	300	
	2,000		3.4	3.8	83	9,625	300	
	2,200		3.4	3.8	86	10,430	300	
	2,400		3.8	4.0	91	11,470	300	

* MANUFACTURING SPEC

ELECTRICAL DATA

Nominal Conductor diameter	Resistance at 20°C		Max . mutual capacitance at 800 Hz	AC Voltage Test
	Max. conductor	Min. insulation		Core to screen
mm	Ohm/km	M.ohm.km	nF/km	Volt/1 min
0.4	150	10,000	50	1,000

Note : This is only general information. For other specific requirement, please contact our marketing.

FOAM -SKIN JELLY FILLED NON ARMoured CABLE

T - Ebk.J (Pem) E

Foam-skin polyethylene insulated, Cable filled compound,
Double coated aluminium tape shielded, Zinc-coated
steel tape armoured, Polyethylene sheathed
(Specification : STEL QA-K.020-1996 / Manufacturing Spec)
Size : 10 up to 1,400 x 2 x 0.6 mm

DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Nominal Thickness			Approximately		Standard Length	Delivery form
		Insulation	Inner Sheath	Outer Sheath	Overall diameter	Net. Weight		
mm	pair	mm	mm	mm	mm	kg/km	m	-
0.6	10*	0.18	1.8	1.4	16	350	1,000	Drum
	20*		1.8	1.4	19	480	1,000	
	30*		1.8	1.4	21	600	1,000	
	40*		1.8	1.4	22	710	1,000	
	50*		1.8	1.4	24	820	1,000	
	60*		1.8	1.4	25	920	1,000	
	80*		1.8	1.4	27	1,120	1,000	
	100		2.0	1.8	31	1,360	1,000	
	120*		2.0	1.8	33	1,570	1,000	
	150*		2.0	2.2	36	1,845	1,000	
	200		2.0	2.2	40	2,310	1,000	
	250		2.2	2.6	43	2,855	1,000	
	300		2.2	2.6	47	3,205	1,000	
	400		2.6	2.6	53	4,310	500	
	500*		2.6	3.0	58	5,170	500	
	600		2.6	3.0	62	6,010	500	
	800		3.0	3.4	71	7,860	450	
	1,000		3.4	3.8	79	9,715	450	
	1,200		3.4	3.8	85	11,350	300	
	1,400		3.8	4.0	91	13,220	250	

* MANUFACTURING SPEC

ELECTRICAL DATA

Nominal Conductor diameter	Resistance at 20°C		Max . mutual capacitance at 800 Hz	AC Voltage Test
	Max. conductor	Min. insulation		Core to screen
mm	Ohm/km	M.ohm.km	nF/km	Volt/1 min
0.6	65.0	10,000	55	1,000

Note : This is only general information. For other specific requirement, please contact our marketing.



FOAM -SKIN JELLY FILLED NON ARMoured CABLE

T - Ebk.J (Pem) E

Foam-skin polyethylene insulated, Cable filled compound,
Double coated alumunium tape shielded, Zinc-coated
steel tape armoured, Polyethylene sheathed
(Specification : STEL QA-K.020-1996 / Manufacturing Spec)

Size : 10 up to 800 x 2 x 0.8 mm



DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Nominal Thickness			Approximately		Standard Length	Delivery form
		Insulation	Inner Sheath	Outer Sheath	Overal diameter	Net. Weight		
mm	pair	mm	mm	mm	mm	kg/km	m	-
0.8	10*	0.23	1.8	1.4	18	450	1,000	Drum
	20*		1.8	1.4	21	650	1,000	
	30*		1.8	1.4	24	840	1,000	
	40*		1.8	1.4	26	1,020	1,000	
	50*		1.8	1.4	28	1,190	1,000	
	60*		2.0	1.8	32	1,420	1,000	
	80*		2.0	1.8	34	1,740	1,000	
	100		2.0	2.2	38	2,115	1,000	
	120*		2.0	2.2	40	2,470	1,000	
	150*		2.2	2.2	44	2,940	1,000	
	200		2.2	2.6	49	3,710	1,000	
	250*		2.6	2.6	55	4,630	1,000	
	300		2.6	3.0	59	5,380	500	
	400		3.0	3.0	67	7,020	500	
	500*		3.0	3.4	73	8,475	300	
	600		3.4	3.8	80	10,125	300	
	800		3.8	4.0	91	13,225	250	

* MANUFACTURING SPEC

ELECTRICAL DATA

Nominal Conductor diameter	Resistance at 20°C		Max . mutual capacitance at 800 Hz	AC Voltage Test
	Max. conductor	Min. insulation		Core to screen
mm	Ohm/km	M.ohm.km	nF/km	Volt/1 min
0.8	36.5	10,000	55	1,000

Note : This is only general information. For other specific requirement, please contact our marketing.

FOAM - SKIN DUCT CABLE

Tp - Ebk (Pe) E

Foam-skin polyethylene insulated, Double coated alumunium tape shielded,
Polyethylene sheathed

(Specification : STEL QA-K.019-1996 / Manufacturing Spec)

Size : 100 up to 2,400 x 2 x 0.4 mm

DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Nominal Thickness		Approximately		Standard Length	Delivery form
		Insulation	Inner Sheath	Overal diameter	Net. Weight		
mm	pair	mm	mm	mm	kg/km	m	-
0.4	100	0.10	1.8	18	395	1,000	Drum
	120*		1.8	19	465	1,000	
	150*		1.8	21	555	1,000	
	200		1.8	23	710	1,000	
	250*		2.0	26	870	1,000	
	300		2.0	27	1,025	1,000	
	400		2.0	31	1,330	1,000	
	500*		2.0	34	1,620	1,000	
	600		2.2	37	1,930	1,000	
	800		2.2	41	2,490	500	
	1,000		2.2	45	3,050	500	
	1,200		2.6	50	3,680	400	
	1,400		2.6	53	4,230	400	
	1,600		2.6	56	4,785	300	
	1,800		3.0	60	5,410	300	
	2,000		3.0	62	5,970	300	
	2,200		3.0	65	6,520	300	
	2,400		3.4	68	7,160	300	

* MANUFACTURING SPEC

ELECTRICAL DATA

Nominal Conductor diameter	Resistance at 20°C		Max . mutual capacitance at 800 Hz	AC Voltage Test
	Max. conductor	Min. insulation		Core to screen
mm	Ohm/km	M.ohm.km	nF/km	Volt/1 min
0.4	150	10,000	50	1,000

Note : This is only general information. For other specific requirement, please contact our marketing.



FOAM - SKIN DUCT CABLE

Tp - Ebk (Pe) E

Foam-skin polyethylene insulated, Double coated alumunium tape shielded,
Polyethylene sheathed

(Specification : STEL QA-K.019-1996 / Manufacturing Spec)

Size : 100 up to 1,800 x 2 x 0.6 mm
100 up to 1,000 x 2 x 0.8 mm



DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Nominal Thickness		Approximately		Standard Length	Delivery form
		Insulation	Inner Sheath	Overal diameter	Net. Weight		
mm	pair	mm	mm	mm	kg/km	m	-
0.6	100	0.11	1.8	24	740	1,000	Drum
	120*		1.8	27	875	1,000	
	150*		2.0	27	1,075	1,000	
	200		2.0	30	1,400	1,000	
	250*		2.0	33	1,705	1,000	
	300		2.2	36	2,040	1,000	
	400		2.2	40	2,670	500	
	500*		2.2	44	3,280	500	
	600		2.6	48	3,935	500	
	800		2.6	54	5,130	450	
	1,000		3.0	61	6,405	450	
	1,200		3.0	66	7,600	300	
	1,400		3.4	71	8,875	250	
	1,600		3.4	75	10,060	250	
0.8	1,800		3.8	80	11,340	250	
	100	0.15	2.0	29	1,235	1,000	Drum
	120*		2.0	31	1,470	1,000	
	150*		2.0	34	1,795	1,000	
	200		2.2	38	2,380	1,000	
	250*		2.2	42	2,910	1,000	
	300		2.6	46	3,510	500	
	400		2.6	52	4,595	500	
	500*		3.0	58	5,730	300	
	600		3.0	63	6,795	300	
	800		3.4	72	8,990	250	
	1,000		3.8	80	11,195	250	

* MANUFACTURING SPEC

ELECTRICAL DATA

Nominal Conductor diameter	Resistance at 20°C		Max . mutual capacitance at 800 Hz	AC Voltage Test	
	Max. conductor	Min. insulation		Core to screen	
mm	Ohm/km	M.ohm.km	nF/km	Volt/1 min	
0.6	65.0	10,000	55	1,000	
0.8	36.5	10,000	55	1,000	

Note : This is only general information. For other specific requirement, please contact our marketing.

FOAM -SKIN P.C.M ARMoured CABLE

Tp - Ebk.J (Pclm) E

Foam-skin polyethylene insulated, Protruding alumunium tape internal screened,
Cable filled compound, Double coated alumunium tape shielded,
Zinc-coated steel tape armoured, Polyethylene sheathed
(Specification : Manufacturing Spec)

Size : 20 up to 100 x 2 x 0.6 mm
20 up to 100 x 2 x 0.8 mm



DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Sheath Nominal Thickness	Approximately		Standard Length	Delivery form
			Overal diameter	Net. Weight		
mm	pair	mm	mm	kg/km	m	-
0.6	20	1.4	23	675	1,000	Drum
	40	1.8	28	1,005	1,000	
	60	1.8	32	1,298	1,000	
	80	2.2	36	1,599	1,000	
	100	2.2	38	1,850	1,000	
0.8	20	1.8	27	950	1,000	Drum
	40	1.8	34	1,456	1,000	
	60	2.2	39	1,945	1,000	
	80	2.2	44	2,433	1,000	
	100	2.6	48	2,907	1,000	

ELECTRICAL DATA

Nominal Conductor diameter	Resistance at 20°C		Max . mutual capacitance at 800 Hz	AC Voltage Test
	Max. conductor	Min. insulation		Core to screen
mm	Ohm/km	M.ohm.km	nF/km	Volt/1 min
0.6	65.0	10,000	44	1,000
0.8	36.5	10,000	44	1,000

Note : This is only general information. For other specific requirement, please contact our marketing.

FOAM - SKIN P.C.M NON ARMoured CABLE

Tp - Ebk.J (Pcl) E

Foam-skin polyethylene insulated, Protruding aluminium tape internal screened,
Cable filled compound, Double coated aluminium tape shielded,
Polyethylene sheathed

(Specification : Manufacturing Spec)

Size : 20 up to 100 x 2 x 0.6 mm
20 up to 100 x 2 x 0.8 mm

DIMENSIONAL DATA

Nominal Conductor diameter	Cable size	Sheath Nominal Thickness	Approximately		Standard Length	Delivery form
			Overall diameter	Net. Weight		
mm	pair	mm	mm	kg/km	m	-
0.6	20	1.4	19	370	1,000	Drum
	40	1.8	24	625	1,000	
	60	1.8	28	843	1,000	
	80	1.8	31	1,052	1,000	
	100	1.8	33	1,259	1,000	
0.8	20	1.4	23	553	1,000	Drum
	40	1.8	30	970	1,000	
	60	1.8	34	1,335	1,000	
	80	2.2	39	1,741	1,000	
	100	2.2	42	2,096	1,000	

ELECTRICAL DATA

Nominal Conductor diameter	Resistance at 20°C		Max . mutual capacitance at 800 Hz	AC Voltage Test
	Max. conductor	Min. insulation		Core to screen
mm	Ohm/km	M.ohm.km	nF/km	Volt/1 min
0.6	65.0	10,000	44	1,000
0.8	36.5	10,000	44	1,000

Note : This is only general information. For other specific requirement, please contact our marketing.

