

MULTI-TRIAD, XLPE INSULATION, INDIVIDUAL & OVERALL SCREEN, PVC SHEATH

APPLICATION

For indoor and outdoor installation in cable trays or in ducts. Not recommended for direct burial

INS-T10 XLPE IOS PVC

CONSTRUCTION

CONDUCTOR	Multi-strand plain annealed copper
INSULATION	Cross Linked Polyethylene (XLPE)
CORE IDENTIFICATION	Black, white and red insulated cores; numbered alpha and numerically, at regular intervals
INDIVIDUAL SCREEN	Aluminium/polyester tape with a 7 strand 0.50mm ² size tinned annealed copper drain wire. All individual screens are numbered alpha and numerically, at regular intervals. All individual screens are sealed and electrically insulated
OVERALL SCREEN	Aluminium/polyester tape with a 7 strand 0.50mm ² size tinned annealed copper drain wire
OUTER SHEATH	Polyvinyl Chloride (PVC).The standard outer sheath colour is black

PURCHASE CODES, WEIGHTS and DIMENSIONS

	NO. OF TRIADS	OVERALL DIAMETER NOM (mm)	MIN BEND RADIUS (mm)	STANDARD DRUM LENGTH (m)	CABLE WEIGHT (kg/km)
0.5mm ² (7/0.3) Conductors					
	2	9.9	89	1000	105
	4	11.9	107	1000	166
	8	15.4	139	1000	299
	12	19.1	172	1000	425
	16	21.6	194	1000	560
	24	26.1	235	1000	817

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	NO. OF TRIADS	OVERALL DIAMETER NOM (mm)	MIN BEND RADIUS (mm)	STANDARD DRUM LENGTH (m)	CABLE WEIGHT (kg/km)
1.0mm² (14/0.3) Conductors					
	2	12.3	111	1000	157
	4	14.2	128	1000	243
	8	18.4	166	1000	446
	12	23.4	211	1000	662
	16	26.4	238	1000	869
	24	31.4	283	1000	1243
1.5mm² (19/0.3) Conductors					
	2	13.4	121	1000	292
	4	16.0	144	1000	311
	8	20.6	185	1000	569
	12	26.1	235	1000	842
	16	29.0	261	1000	1078
	24	35.0	315	1000	1581

300V / 90°C

