

SINGLE TRIAD, XLPE INSULATION, OVERALL SCREENED, LHPVC BEDDING, STEEL WIRE ARMOUR, LHPVC OUTER SHEATH

APPLICATION

For indoor and outdoor installation in cable trays or in ducts. Recommended for direct burial

INS-MINES 1TR XLPE IOS LHPVC SWA LHPVC

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
OVERALL SCREEN	Aluminium/polyester tape with a 7 strand 0.50mm ² size tinned annealed copper drain wire
BEDDING SHEATH	Low Halogen Polyvinyl Chloride (LHPVC). The standard bedding sheath colour is black
ARMOUR	Single layer of galvanised Steel Wire (SW)
OUTER SHEATH	Low Halogen Polyvinyl Chloride (LHPVC). The standard outer sheath colour is black with a blue stripe to signify reduced halogen emission

PURCHASE CODES, WEIGHTS and DIMENSIONS

NO. OF TRIADS	BEDDING DIAMETER UNDER SWA (mm)	OVERALL DIAMETER (mm)	MIN BEND RADIUS (mm)	STANDARD DRUM LENGTH (m)	CABLE WEIGHT (kg/km)
0.5mm ² (7/0.3) Conductors					
1	5.9	10.1	101	1000	216
1.0mm ² (14/0.3) Conductors					
1	6.8	11.0	110	1000	256
1.5mm ² (19/0.3) Conductors					
1	7.4	11.6	116	1000	284

300V / 90°C

