

SINGLE & MULTI-TRIAD, XLPE INSULATION, OVERALL SCREENED, PVC OUTER SHEATH

APPLICATION

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

INS-T22

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
OUTER SHEATH	Polyvinyl Chloride (PVC). The standard outer sheath colour is black

PURCHASE CODES, WEIGHTS and DIMENSIONS

NO. OF TRIADS	OVERALL DIAMETER (mm)	MIN BEND RADIUS (mm)	STANDARD DRUM LENGTH (m)	CABLE WEIGHT (kg/km)
0.5mm ² (7/0.3) Conductors				
1	5.8	52	1000	47
2	9.5	86	1000	90
4	11.5	104	1000	138
8	14.4	130	1000	230
12	19.1	172	1000	347
16	20.6	185	1000	448
24	24.5	221	1000	629

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1.0mm² (14/0.3) Conductors

1	6.7	60	1000	66
2	11.8	106	1000	139
4	13.6	122	1000	211
8	17.7	159	1000	384
12	22.4	202	1000	569
16	24.9	224	1000	725
24	30.1	271	1000	1062

1.5mm² (19/0.3) Conductors

1	7.3	66	1000	80
2	13.4	121	1000	279
4	15.5	140	1000	292
8	19.5	176	1000	489
12	24.8	223	1000	727
16	28.0	252	1000	955
24	33.8	304	1000	1397

300V / 90°C

