

TELECOM – PE INSULATED, PE SHEATHED – AERIAL FIGURE-8 CABLES

APPLICATION

Self supporting aerial outdoor cables to be used in overhead telecommunications infrastructure

AERIAL (FIG-8)

CONSTRUCTION

CONDUCTOR	Plain annealed copper conductors (0.63mm)
INSULATION	Polyethylene insulation
TWINNING	Pair twisting - two insulated conductors are twisted together to form a pair, identification being indicated by colour coding of the insulation
CABLE CORE ASSEMBLY	For the 6 & 10 pair cables the pairs are stranded into a compact bundle. For cables containing 15 to 100 pairs, groups of pairs are stranded into 5 and 10 pair units. Units are then assembled into a cable core
CORE BINDING	Cable core binder tapes are applied
SUSPENSION STRAND	Galvanized stranded steel (Grade 1150 Mpa in accordance with BS 183) 7/1.25mm: 6,10 & 15 pair. 7/1.60mm: all other cable sizes
SHEATH	Black UV resistant polyethylene outer sheath

PURCHASE CODES, WEIGHTS and DIMENSIONS

NO. OF PAIRS	PRODUCT CODE	OVERALL DIAMETER (mm) HEIGHT (H) WEIGHT (W)	MIN BEND RADIUS (mm)	STANDARD DRUM LENGTH (mm)	CABLE WEIGHT (kg/km)
6	TELECOM PE, PE Fig-8 6PR 1000m Drum	H = 18.9 W = 9.5	113	1000	189
10	TELECOM PE, PE Fig-8 10PR 1000m Drum	H = 20.6 W = 11.1	123	1000	223
15	TELECOM PE, PE Fig-8 15PR 1000m Drum	H = 22.0 W = 12.6	132	1000	271
20	TELECOM PE, PE Fig-8 20PR 1000m Drum	H = 24.4 W = 13.9	146	1000	364
30	TELECOM PE, PE Fig-8 30PR 1000m Drum	H = 26.1 W = 15.7	156	1000	451
50	TELECOM PE, PE Fig-8 50PR 1000m Drum	H = 30.6 W = 20.2	183	1000	607

