

# 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 effected 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

