

TELECOM – PE INSULATED, APL/PE SHEATHED

APPLICATION

To connect and interconnect subscribers main distribution frames (MDFs) with exchanges. Can be used for exchange-to-exchange connections

CONSTRUCTION

Conductor	Plain annealed copper conductors – 0.5mm
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 up to and including 100 pair cables groups of pairs are stranded into 5 or 10 pair units. For cables greater than 100 pairs, groups of pairs are stranded into 10 pair subunits, and these are assembled into 51 pair units. Units are then assembled into a cable core. Spare pairs are incorporated in the units of cables consisting of more than 100 pairs.
Cable Core Wrapping	Cable core binder tapes are applied
Overall Moisture Barrier/Screen	Aluminum polyethylene laminated foil (APL)
Sheath	Black polyethylene outer sheath

PURCHASE CODES, WEIGHTS and DIMENSIONS

No of Pairs	Product code	Overall diameter (mm)	Min Bend Radius (mm)	Standard drum length (m)	Cable weight (kg/km)
10	TELECOM PE, APL/PE 10PR 1000m Drum	9.7	60	1000	101
15	TELECOM PE, APL/PE 15PR 1000m Drum	10.9	66	1000	128
25	TELECOM PE, APL/PE 25PR 1000m Drum	12.5	75	1000	188
50	TELECOM PE, APL/PE 50PR 1000m Drum	17.0	102	1000	332
75	TELECOM PE, APL/PE 75PR 1000m Drum	18.8	113	1000	458
100	TELECOM PE, APL/PE 100PR 1000m Drum	21.3	128	1000	586
153	TELECOM PE, APL/PE 153PR 1000m Drum	26.5	159	1000	874
204	TELECOM PE, APL/PE 204PR 1000m Drum	29.4	177	1000	1114

