

## 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.

AIRCORE APLPE

### 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	Aluminium 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 (mm)	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

