

## xDSL (HIGH BIT-RATE) UNDERGROUND CABLE (filled) 4 Pair (unscreened), 10-205 Pairs (screened) Maximum Reference Frequency: 30MHz

### APPLICATION

These cables are deployed in the secondary portion of the telecommunications network where high bit-rate services are desirable and are suitable for installation in underground ducts

xDSL PE PJ APL PE

### CONSTRUCTION

<b>CONDUCTOR</b>	Plain annealed copper conductors (0.5mm)
<b>INSULATION</b>	Solid Polyethylene
<b>TWINNING</b>	Balanced short pitch pairs provides optimum high bit-rate performance. Identification is being indicated by colour coding of the insulation
<b>CABLE CORE ASSEMBLY</b>	<b>Assembly</b> - For up to and including 100 pair cables, groups of pairs are stranded into 5 or 10 pair units. The 155 and 205 pair cables comprise 30/31 pair units <b>Filling</b> - The cable core is completely filled with a water-blocking gel
<b>CORE WRAPPING</b>	Water-blocking core binder tapes are applied
<b>MOISTURE BARRIER/SCREEN</b>	Aluminium Polyethylene Laminated foil (APL) <i>(not on the 4 pair cable)</i>
<b>SHEATH</b>	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)
4	xDSL (High Bit-Rate) PE, PJ, PE 4PR 1000m Drum	7.4	45	1000	53
10	xDSL (High Bit-Rate) PE, PJ, APL/PE 10PR 1000m Drum	10.8	65	1000	125
20	xDSL (High Bit-Rate) PE, PJ, APL/PE 20PR 1000m Drum	13.4	81	1000	209
50	xDSL (High Bit-Rate) PE, PJ, APL/PE 50PR 1000m Drum	19.0	114	1000	430
75	xDSL (High Bit-Rate) PE, PJ, APL/PE 75PR 1000m Drum	22.5	135	1000	602
100	xDSL (High Bit-Rate) PE, PJ, APL/PE 100PR 1000m Drum	25.7	155	1000	778
155	xDSL (High Bit-Rate) PE, PJ, APL/PE 155PR 1000m Drum	32.4	195	1000	1260
205	xDSL (High Bit-Rate) PE, PJ, APL/PE 205PR 1000m Drum	35.5	213	1000	1652

