

OPTIMAL

Cable Services Pty Ltd

TECHNICAL DATA SHEET

“COMPACT” EXTERNAL STRANDED LOOSE TUBE OPTICAL FIBRE CABLE

OMDC**PA^{†††}BE

Description:

Up to 144 optical fibres contained in jelly filled loose tubes (12 fibres per tube). The tubes are laid up around a central non-metallic strength member, “Dry” water blocked, and taped, polyethylene sheathed and Nylon (insect resistant) jacketed. Surface printing includes sequential length marking at one-metre intervals.

Applicable Specifications:

AS/ACIF S008, IEC 60793, IEC 60794-1, AS 1049, AS 3080, ITU-T Rec. G652.d & ITU-T Rec. G657.a

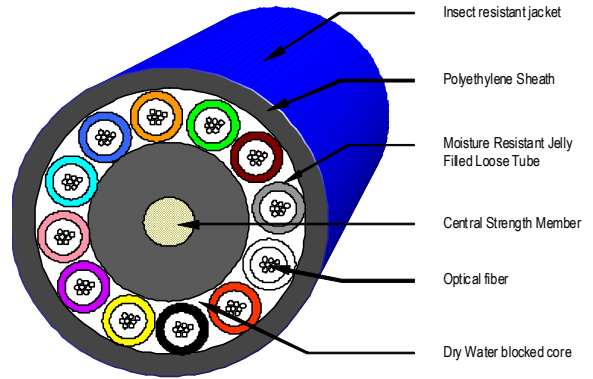
Applications:

The cable is non-metallic in standard form and is used by telecommunications carriers. A “Dry” water blocked loose tube cable designed for long haul applications suitable for duct hauling or blowing or direct burial plough installations.

Physical Characteristics

Nominal Tube Diameter (mm):	2
Nominal cable Diameter (mm):	13.6
Nominal weight (kg/km):	160
Temperature Range (°C):	-40 to 70
Max Pulling Tension (kN): Install	5
Service	2.7
Min bending radius (mm):	
Under load	20 x OD
No load	10 x OD
Max Crush Resistance (kN/100 mm):	1.3

Colour Code for fibres & tubes: Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua



** Represents any fibre type, L0 = sm OS2 (G652.d), 1C = sm ZWP (G652.d), 62 = 62.5 um OM1, 50 = 50 um OM2, 53 = 50 um OM3 & 55 = 50 um OM4 15 = sm NZDS (G655).

††† Represents any fibre-count up to 144

This datasheet is provided for guidance only and is subject to change without notice. Please ensure you have the most up to date information where parameters in this document are considered critical for your particular application.