

OPTIMAL

Cable Services Pty Ltd

TECHNICAL DATA SHEET

EXTERNAL "COMPACT" STRANDED LOOSE TUBE "DRY BLOCKED" OPTICAL FIBRE CABLE

Product Code:

OMD8**PA0^{††}BE

Description:

Up to 96 fibres contained in jelly filled loose tubes (12 fibres per tube). The tubes are laid up around a non-metallic central strength member, "dry-blocked", polyethylene sheathed and (black) nylon jacketed. Surface printing includes sequential length marking at one-metre intervals.

Applicable Specifications:

AS/ACIF S-008, IEC 60794-1, IEC 60793, AS 1049, AS 3080

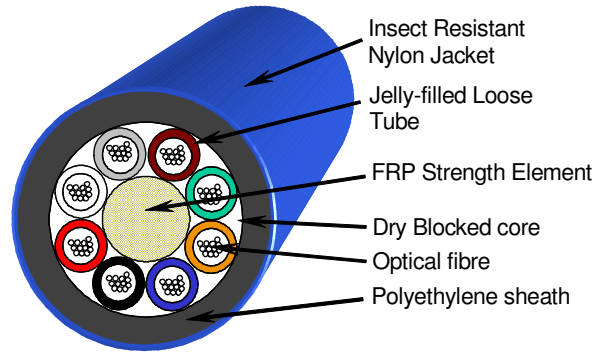
Applications:

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 and suitable for, duct and direct burial applications by either trenching or direct ploughing. Whilst the Nylon jacket is uv-stabilised, the cable is not intended for installations directly exposed to UV. Optimal recommends a sacrificial jacket of Black PE over coloured Nylon for long term exposure.

Physical Characteristics:

Nominal Tube Diameter:	2 mm
Nominal cable Diameter:	11 mm
Nominal weight/1000 m:	100 kg
Temperature Range:	-40 to 70°C
Max Pulling Tension:	2.0 kN
Min bending radius	
Under load	220 mm
No load	110 mm
Max Crush Resistance	2.0 kN/100 mm
Impact	0.5 kg/1.0 metre

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



** Represents any fibre type, 10 = single mode OS1, 1C = single mode ZWP, 15 = single mode NZDS, 62 = 62.5 um multimode OM1, 50 = 50 um multimode OM2, 53 = 50 um multimode OM3, 55 = 50 um multimode OM4

^{††} Represents any fibre-count up to 96

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.