

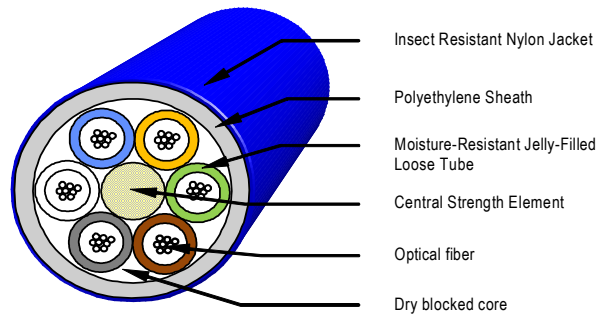
# OPTIMAL

Cable Services Pty Ltd

## TECHNICAL DATA SHEET

### “COMPACT” EXTERNAL, STRANDED LOOSE TUBE OPTICAL FIBRE CABLE

OKD6\*\*PA0††BK



#### Description:

Up to 36 optical fibres contained in jelly filled loose tubes (6 fibres/tube). The tubes and fillers are laid up around a central non-metallic strength member, “dry” blocked, taped, and polyethylene sheathed with nylon jacket. Surface printing includes sequential length marking at one-metre intervals.

#### Applicable Specifications:

AS/ACIF S-008, AS 1049, AS3080, IEC 60793 and IEC 60794 ITU-T 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 including direct burial, duct hauling or blowing and, with sacrificial sheath, for direct exposed situations such as external tray or for rigorous installation conditions that might damage the otherwise pristine insect resistant jacket, giving purchase to termite mandibles.

#### Physical Characteristics:

Tube Diameter (mm):	2
Nominal cable Diameter (mm):	9.8
Nominal weight (kg/km):	75
Temperature Range (°C)	-40 to 70
Max Tension (kN)	
installation	2
in service	1
Min bending radius	
Under load	20xOD
No load	10xOD
Max Crush Resistance (kN/100mm)	2

Colour Sequence for fibres & tubes: Blue, Orange, Green, Brown, Grey, White

\*\* Represents any fibre type, 10 = sm OS1(G652), 1C = sm ZWP (G652.d), 62 = 62.5 um OM1, 50 = 50 um OM2, 53 = 50 um OM3, 15 = sm NZDS (G655) & 1F = sm ZWP (G657.a), 55 = 50 um OM4.

†† Represents any fibre-count up to 36

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.