

## 96 Fibre Non-Metallic Flat FRP Armoured Stranded Loose Tube Cable

Stranded cable comprising up to 96 optical fibres contained in jelly-filled loose tubes (up to 12 fibres per tube). The tubes are laid around a central strength member and contained within a dry, water blocked cable core, sheathed with polyethylene (PE), termite resistant nylon, Flat FRP armour and outer UV stable, polyethylene sheath. Surface printing includes length marking at one metre intervals.

### Part Number

RMD8\*\*PB096##

RKD8\*\*PB048##

### Applicable Specifications

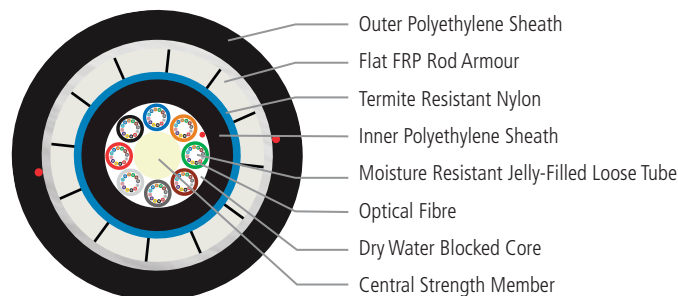
AS/CA S008, AS 1049, AS/NZS 11801-1, TIA-598-D, IEC 60793, IEC 60794, ITU-T Recommendations

### Applications

Non-metallic Flat FRP armoured stranded loose tube cable is ideal for short and long-haul, point-to-point, point-to-multipoint, backbone applications and can be installed in-duct or direct-buried.

Coupled with the Flat FRP armour against rodent attack, the Nylon jacket provides an insect (termite) resistant layer, strategically positioned to ensure longevity. UV stabilised outer jacket as per AS 1049.

### Cable Components



### Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	15
Nominal Weight	kg/km	195
Temperature Range	°C	-40 to 70
Max. Pulling Tension - Install	kN	5
Min. Bending Radius - Under Load	mm	30 x OD
Min. Bending Radius - No Load	mm	12 x OD
Max. Crush Resistance	Short-term (10 min)	kN/100 mm
	Long-term (120 min)	kN/100 mm
Impact	kg.m	1.5

RMD8 - 12F/Tube, RKD8 - 6F/Tube.

\*\* Represents any fibre type, 1D = SM G.652.D "LWP", 1E = SM premium G.652.D "LWP", 1F = SM G.657.A1, 62 = 62.5 µm multimode "OM1", 53 = 50 µm multimode "OM3", 55 = 50 µm multimode "OM4". Contact AFL for other fibre types.

## Represents sheath colour, BK = Black (standard), the following colours are available upon request: BE = Blue, GY = Grey, YW = Yellow, WE = White.

Refer to OSP Cable - Optical Characteristics for further information.