

144 Fibre MicroCore® Stranded Loose Tube Cable

MicroCore® Stranded cable comprising up to 144 optical fibres contained in jelly-filled loose tubes (up to 24 fibres per tube). The tubes and fillers are laid up around a central non-metallic strength member, dry water blocked and UV stable, Nylon jacketed. Surface printing includes length marking at one metre intervals.

Part Number

UTE6**FA+++BE
 UME6**FA0¥¥BE
 UKE6**FA0\$\$BE

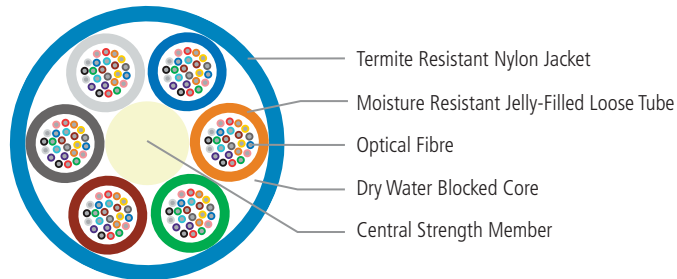
Applicable Specifications

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

Applications

A dry water blocked MicroCore® loose tube cable is ideal for short and long-haul, point-to-point, point-to multipoint backbone applications in ducts/micro-ducts via hauling/blowing techniques. UV stabilised outer jacket as per AS 1049.

Cable Components



Physical Characteristics

SPECIFICATION	UNIT	VALUE	
Nominal Tube Diameter	mm	2.3	
Nominal Cable Diameter	mm	8	
Nominal Weight	kg/km	51	
Temperature Range	°C	-40 to 70	
Max. Pulling Tension - Install	kN	2	
Min. Bending Radius - Under Load	mm	20 x OD	
Min. Bending Radius - No Load	mm	10 x OD	
Max. Crush Resistance	Short-term (10 min)	kN/100 mm	2
	Long-term (120 min)	kN/100 mm	2

** Represents any fibre type, 1D = SM G.652.D "LWP", 1E = SM premium G.652.D "LWP".
 Contact AFL for other fibre types.

+++ Represents any fibre-count up to 144 (UTE6 - 24F/Tube).

¥¥ Represents any fibre-count up to 72 (UME6 - 12F/Tube).

\$\$ Represents any fibre-count up to 36 (UKE6 - 6F/Tube).

Refer to OSP Cable - Optical Characteristics for further information.