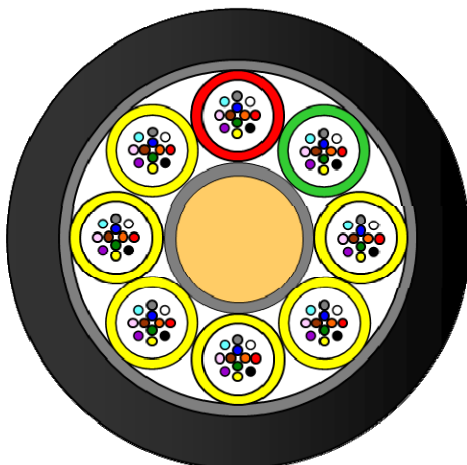


EAN 5711760000463
Drum Size 6km White spot D150 W111

*Issue 3
May 2014*



Application

AFL Duct cables are designed with cable strength suitable for pulling into ducts and sub ducts. This design is also lightweight with a low friction jacket suitable for blowing installations.

Features and Benefits

- Fibre count 96
- 12 fibre management
- Dry water blocking
- Metal-free therefore not subject to EMI or earth-binding requirements
- Low friction outer sheath for easy handling and installation
- Lightweight and robust

Construction		OD (mm)
1	Up-Jacketed Central Strength Member	4
2	8 Gel Filled Loose Tubes, 12 fibres per tube	2.2
3	Mylar Tape	8.40 (± 0.2)
4	Outer Jacket and Ripcords	12.0 (± 0.2)

Cable Properties			
Weight	113	kg/km	
Diameter	12.0	mm	
Cross Section	113.1	mm ²	
G652.D Fibre Attenuation at 1310nm	0.36	dB/km	
G652.D Fibre Attenuation at 1550nm	0.22	dB/km	
Bend radius	Static	240	mm
	Dynamic	1200	
Maximum Optical Working Tension (MOWT)	2.6	kN	
Cable Breaking Strength	7.3	kN	
Modulus	3.3	GPa	
Operating temperature range	-30 to 70	°C	

Jacket Marking

"AFL Telecommunications - 96Fibre (SM 8 x 12) Optical Cable" - <Unique reel ID>
<DD/MM/YYYY> <Metre Mark> "SEAS-NVE 59176 - Tel No 70 29 29 00"

Applicable Standards

Fibre Standards:	ITU-T G.652.D
Tube Colours:	G12FT, Y12FT, Y12FT, Y12FT, Y12FT, Y12FT, Y12FT, R12FT
Fibre Colours:	Red, Green, Blue, Yellow, White, Grey, Brown, Violet, Turquoise, Black, Orange, Pink
Testing standards	IEC-60794-1-E1, EIA-455-33B
Quality	Cable is designed, manufactured and tested in accordance with ISO 9001

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