



#### Cable Description

- 01. Fibre Optics
- 02. Central Tube (Jelly filled)
- 03. Strength Members
- 04. Ripcord
- 05. Outer Jacket

#### Application

Outdoor  
Aerial Installation

#### Rodent Protection

Rodent Protected

#### Options

Special colour code (TIA 598)

#### CPR Classification (Euroclass)

Reaction to Fire: Fca  
Declaration Code: DOP03100

#### Advantages

Compact / Lightweight / Flexible / Tough / Resistant / Watertight / Excellent mechanical resistance / Completely Dielectric / Small diameter / Excellent resistance to friction / Suitable for "air blowing" systems / Rodent protected / Aerial installation.

#### Aerial Installation Conditions

Wind (Km/h)	Ice Thickness (mm)	Span (m)
50	0	200
70	0	150
100	0	110
0	10	90
0	15	50
60	10	70

#### NESC Installation Conditions

	Span (m)
NESC Light	100
NESC Medium	60



TOTALLY DIELECTRIC



MOISTURE PROTECTED



WATERTIGHT



LOW FRICTION



ULTRAVIOLET RESISTANCE



RODENT PROTECTION



AERIAL

#### SPECIFICATIONS

<b>Fibre Count</b>	2 / 4 / 6 / 8 / 12	16 / 24
<b>Central Tube Ø (mm)</b>	3.5 ± 0.2	4.2 ± 0.2
<b>Strength members</b>	Fibreglass yarns WB (Waterblocking)	
<b>Outer jacket</b>	Black Polyethylene	
<b>Weight (Kg/Km)</b>	67	77
<b>Outer Ø (mm)</b>	8.5 ± 0.3	8.8 ± 0.3
<b>Max. Tensile Load (N)</b>	3000 (Operation) / 4000 (Installation) - (IEC 60794-1-21 E1)	
<b>Max. Crush (N/10cm)</b>	2500 (IEC 60794-1-21 E3)	
<b>Max. Impact (J)</b>	5 (IEC 60794-1-21 E1)	
<b>Temperature Range</b>	-40 to +70°C (Operation and Storage) / -5 to +50°C (Installation)	
<b>Water penetration</b>	Watertight (3m / 24h / 1m / Optical Core / IEC 60794-1-22 F5B)	
<b>Min. Bending Radius (mm)</b>	20 x Outer Ø (IEC 60794-1-21 E11)	
<b>Max. Length (m)</b>	4000	

#### Standards

Mechanical and Environmental tests according to IEC 60794-1-21 and IEC 60794-1-22.

Fibres colour code: Red - Green - Blue - Yellow - Grey - Violet - Brown - Orange - White - Pink - Black - Turquoise. With black stripe: Red - Green - Blue - Yellow - Grey - Violet - Brown - Orange - White - Pink - Natural - Turquoise.