



X 25 Year System Warranty

X LSOH Jacket

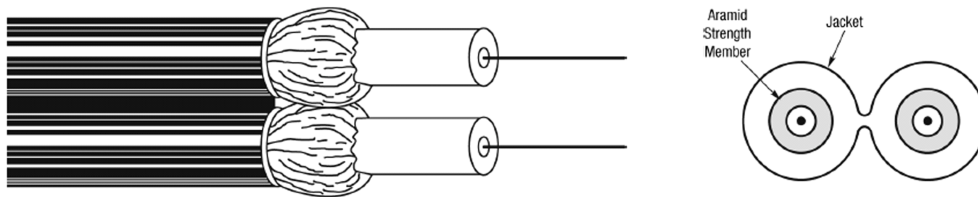
X Duplex Zipcord

### Features

- 25 Year System Warranty
- Duplex Zipcord
- 1500/500 MHz.km Bandwidth
- LSOH Jacket
- Sequential Metre Mark
- Cut to Length Service

### Product Overview

Excel zipcord is designed around two 2.8mm fibre cables. This robust construction is ideal for short run indoor patching or for use where frequent handling is likely, for example equipment rooms or wiring closets. Each cable is jacketed in low smoke, zero halogen material and are available in a choice of colours. Fibres are buffered to 900 micron and can be used with standard connectors and adaptors.



### Cable Specifications

Construction	in accordance with IEC 60794
Primary Coated Fibres	Ø 280 ± 15 µm
FRNC / LSNH Tight Buffer	Ø 0.90 ± 0.05 mm
Strength Member	Aramid Yarn

### Mechanical Data

Nominal Diameter	2.8 x 5.7 ± 0.2 mm
Long Term Maximum Pulling Tension	200 N
Short Term Maximum Pulling Tension	400 N
Weight	14.5 kg/km
Energy of Flame	186 kJ/m

### Mechanical, Physical and Environmental Characteristics

Temperature range according to IEC 60794-1-2-F1	
Transport/storage	-30 to +70 °C
Installation	-5 to +50 °C
Operation	-5 to +55 °C

#### Pulling tension according to IEC 60794-1-2-E1

Tight Buffer	≤ 3 N
Duplex Cable - Long term	200 N

Duplex Cable - Short term	400 N
<b>Bending radii for fibres and tight buffers</b>	
Installation/operation	> 25 mm
<b>Bending radii cable</b>	
Static according to IEC 60794-1-2-E11	15 x Ø
Dynamic according to IEC 60794-1-2-E6	20 x Ø
<b>Stripability</b>	
Secondary coating only	≤ 10 cm
Secondary + primary coating	≤ 10 mm
<b>Crush resistance according to IEC 60794-1-2-E3</b>	
Tight buffer	≤ 4000 N/m
Duplex cable	≤ 5000 N/m
<b>Halogen-free according to IEC 60794-2 (EN 50267-2-2)</b>	
Corrosivity	pH ≥ 3.5 - µS/cm ≤ 100
<b>Flame retardancy according to IEC 60332-1 (EN 60332-1)</b>	Pass

## Optical Characteristics

Parameter	850 nm	1300 nm
Core Diameter	50 ± 2.5 µm	
Cladding Diameter	125 ± 1 µm	
Average Attenuation	2.5 dB/km	0.5 dB/km
Maximum Attenuation	3.0 dB/km	1.0 dB/km
Bandwidth	≥ 1500 MHz.km	≥ 500 MHz.km
Gigabit Ethernet Performance	900 m	550 m
10 Gigabit Ethernet Performance	300 m	n.a.
Numerical Aperture	0.20 ± 0.015 µm	

## Part Number Information

Part No.	Description
202-059	Duplex Zipcord Orange 50/125 OM3

## System Warranty

The Excel System Warranty provides a 25-year product and applications assurance of compliance with the industry performance standard appropriate to the class of cabling installed. The warranty may be applied for by an accredited Excel Partner who has designed, supplied and installed the said system.



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