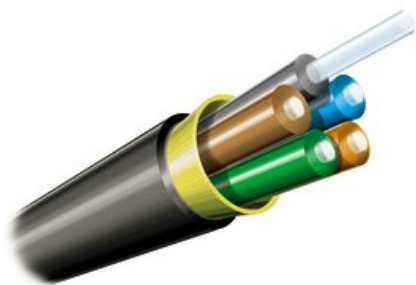


## Light Duty Riser Cable, universal use, UV stable LSZH sheath - magenta, 12-fibers OM4



PRODUCT\_IMAGE

**DESCRIPTION**

This Light Duty Riser Optical Cable is a tight buffered multi-fiber optical cable and is suitable for many indoor applications including the distribution within Multi-Dwelling Unit (MDU) or office buildings or LAN and central office interconnections.

The cable is longitudinally water blocked and features an UV stabilized and water and moisture resistant LSZH sheathing.

It is Indoor and Outdoor rated allowing an easy transition from the OSP to the Building Riser. Moreover, it features a flame retardance that is fully in compliance with AS 1049. Tight buffered fibers allow an easy field connector termination as well as splicing to Pigtails.

**TECHNICAL DATA**

DESCRIPTION	VALUE / VALUE RANGE
Cable type	MiniBreakout cable
Cable version	Light duty riser
Cable application	indoor/outdoor
Fiber type	OM4
Fiber count	12
Outer sheath material	FRLSZH
Outer sheath color	magenta
Cable sheath characteristics	in compliance with AS 1049
Warranty	R&Mfreenet
Fiber diameter	900 $\mu\text{m}$ $\pm$ 50 $\mu\text{m}$

**MECHANICAL DATA**

DESCRIPTION	VALUE / VALUE RANGE
Installation tensile strength	600 N
Installation tensile strength acceptance criteria	$\Delta\alpha \leq 0,1$ dB
Installation tensile strength test method	IEC 60794-1-21:E1
Short-term crush resistance	500 N/100mm
Short-term crush resistance acceptance criteria	$\Delta\alpha \leq 0,1$ dB after test, no damage
Short-term crush resistance test method	IEC 60794-1-21:E3A

**ENVIRONMENTAL DATA**

DESCRIPTION	VALUE / VALUE RANGE
Temperature cycling test method	IEC 60794-1-22:F1
Operation temperature	0 °C to 50 °C / +32 °F to +122 °F
Storage / Transport temperature	10 °C to 70 °C / +50 °F to +158 °F
Water penetration	L = 3 m, h = 1 m, 24 h
Water penetration acceptance criteria	no water leakage
Water penetration test method	IEC 60794-1-22:F5C