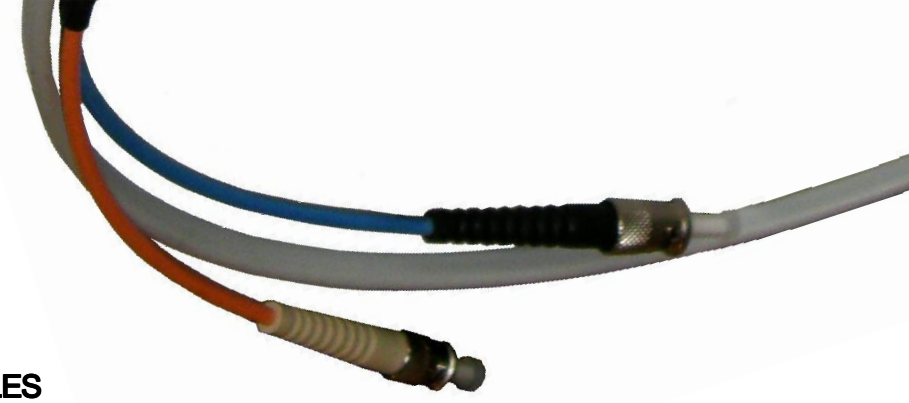


Ruggedised FIBRE PATCH CABLES

Universal Networks' Ruggedised fibre patch cables provide a more robust alternative to standard zipped duplex patch cables.

Recommended for patching where frequent handling is required, or internal fibre runs where a stiffer, more rugged cable is required, these are available in Multi Mode and Single Mode with all of the standard connector options. The cable used is also known as a Flat Twin or Duplex Breakout Cable, which consists of two simplex semi-tight buffered cables surrounded by aramid yarn, encased in an additional LSZH sheath for extra rigidity and protection.

APPLICATIONS
- Internal inter-cab links
- Broadcast
- Military
- Industrial

FEATURES
- Flexible and compact
- Crush & kink resistance
- Twice as tough as standard duplex patch cable
- Made to order in the UK, individually tested

BENEFITS
- Less prone to damage when during & after installing
- Fast availability, can be delivered soon after ordering

OPTIONS
- Fibre Types - MM: OM1, OM2, OM3 SM: OS1
- ST, SC, LC, FC (Others available on request)
- Custom Lengths

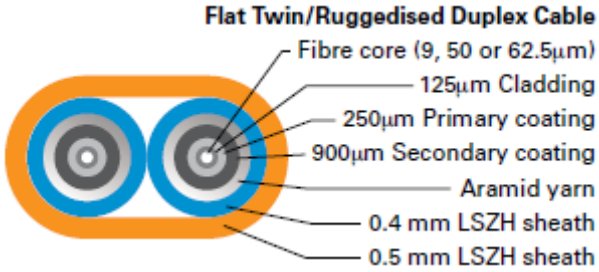
Same flexibility, many times stronger

A Ruggedised cable provides good protection against kinking and crushing, two of the most common issues faced when installing cables. Despite the additional durability, the cable is still flexible and very compact.

Physical Characteristics

Coloured buffer optical fibres with aramid yarn strength members, individual unit LSZH sheath and overall LSZH sheath.

Buffered Fibre Diameter: 0.9 mm
Cable Diameter: 3.8 x 6.6mm
Cable Weight: 29 kg/km



SPECIFICATIONS	SINGLEMODE	MULTIMODE
Torsion	5 Turns/m	5 Turns/m
Impact Resistance:	5nm	5nm
Min Static Bend:	40mm	40mm
Min Dynamic Bend:	60mm	60mm
Tensile Load (long term):	200N	400N
Tensile Load (short term):	400N	400N
Crush (long term):	2000N/100mm	2000N/100mm
Crush (short term):	2000N/100mm	2000N/100mm
Operating Temperature:	-10ºC to +70ºC	-10ºC to +70ºC
Net weight	29kg/km	29kg/km
Fire	IEC 60332-1	IEC 60332-1