



**TACTICAL FIBRE OPTIC CABLE**

Tactical fibre optic cable reference

8 orderable sizes

<b>STANDARD</b> Tactical fibre optic cable reference	<b>VOLTAGE CLASS</b> Optical data link	<b>CONDUCTOR</b> Single-mode or multimode optical fibre element
<b>INSULATION / JACKET</b> Rugged tactical LSZH or PUR outer sheath		

**Construction**

- 1  Optical fibres – Colour-coded singlemode/multimode fibres
- 2  Loose tube – Gel-filled buffer tube
- 3  Strength member – Central FRP / steel rod
- 4  Aramid yarn – Water-blocking + aramid strength

**Size selection — all available cross-sections**

Cable reference	Mission duty	Platform	Cable design	Conductor / fibre	Electrical reference	Shield / protection	Environment class	OD guide
Tactical fibre optic defence cable Deployable tactical optical communication Field command, sensor and temporary network systems 2 fiber OS2 single-mode tactical fibre 2 fiber OS2 single-mode	Deployable tactical optical communication	Field command, sensor and temporary network systems	2 fiber OS2 single-mode tactical fibre	2 fiber OS2 single-mode	1310/1550 nm optical link reference	Aramid strength member and crush-resistant tactical jacket	Repeated deployment, crush, abrasion and weather resistant	8.6 mm
Tactical fibre optic defence cable Deployable tactical optical communication Field command, sensor and temporary network systems 2 fiber OM3 multimode tactical fibre 2 fiber OM3 multimode	Deployable tactical optical communication	Field command, sensor and temporary network systems	2 fiber OM3 multimode tactical fibre	2 fiber OM3 multimode	850/1300 nm optical link reference	Aramid strength member and crush-resistant tactical jacket	Repeated deployment, crush, abrasion and weather resistant	8.6 mm
Tactical fibre optic defence cable Deployable tactical optical communication Field command, sensor	Deployable tactical optical communication	Field command, sensor and temporary	4 fiber OS2 single-mode	4 fiber OS2 single-mode	1310/1550 nm optical link reference	Aramid strength member and crush-resistant	Repeated deployment, crush, abrasion	9.3 mm

Cable reference	Mission duty	Platform	Cable design	Conductor / fibre	Electrical reference	Shield / protection	Environment class	OD guide
and temporary network systems 4 fiber OS2 single-mode tactical fibre 4 fiber OS2 single-mode		network systems	tactical fibre			tactical jacket	and weather resistant	
Tactical fibre optic defence cable Deployable tactical optical communication Field command, sensor and temporary network systems 4 fiber OM3 multimode tactical fibre 4 fiber OM3 multimode	Deployable tactical optical communication	Field command, sensor and temporary network systems	4 fiber OM3 multimode tactical fibre	4 fiber OM3 multimode	850/1300 nm optical link reference	Aramid strength member and crush-resistant tactical jacket	Repeated deployment, crush, abrasion and weather resistant	9.3 mm
Tactical fibre optic defence cable Deployable tactical optical communication Field command, sensor and temporary network systems 8 fiber OS2 single-mode tactical fibre 8 fiber OS2 single-mode	Deployable tactical optical communication	Field command, sensor and temporary network systems	8 fiber OS2 single-mode tactical fibre	8 fiber OS2 single-mode	1310/1550 nm optical link reference	Aramid strength member and crush-resistant tactical jacket	Repeated deployment, crush, abrasion and weather resistant	10.3 mm
Tactical fibre optic defence cable Deployable tactical optical communication Field command, sensor and temporary network systems 8 fiber OM3 multimode tactical fibre 8 fiber OM3 multimode	Deployable tactical optical communication	Field command, sensor and temporary network systems	8 fiber OM3 multimode tactical fibre	8 fiber OM3 multimode	850/1300 nm optical link reference	Aramid strength member and crush-resistant tactical jacket	Repeated deployment, crush, abrasion and weather resistant	10.3 mm
Tactical fibre optic defence cable Deployable tactical optical communication Field command, sensor and temporary network systems 12 fiber OS2 single-mode tactical fibre 12 fiber OS2 single-mode	Deployable tactical optical communication	Field command, sensor and temporary network systems	12 fiber OS2 single-mode tactical fibre	12 fiber OS2 single-mode	1310/1550 nm optical link reference	Aramid strength member and crush-resistant tactical jacket	Repeated deployment, crush, abrasion and weather resistant	11.0 mm
Tactical fibre optic defence cable Deployable tactical optical communication Field command, sensor and temporary network systems 12 fiber OM3 multimode tactical fibre 12 fiber OM3 multimode	Deployable tactical optical communication	Field command, sensor and temporary network systems	12 fiber OM3 multimode tactical fibre	12 fiber OM3 multimode	850/1300 nm optical link reference	Aramid strength member and crush-resistant tactical jacket	Repeated deployment, crush, abrasion and weather resistant	11.0 mm