

Contact

Fiber LAN Product Inquiry
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Fiber Optic Tactical Cable

Fiber Optical Tactical Cables are designed with a rugged, crush resistant, durable jacket for superior flexibility and abrasion resistance across a wide temperature range. These cables are able to withstand the harshest conditions - allowing for field deployable applications such as military, electronic news gathering, outdoor broadcast, law enforcement, industrial environments, etc.

Description

Fiber Optic Tactical Cables are vigorously tested to military standards to withstand extreme temperatures, chemicals, impact and stressed flexibility. As a result, Fiber Optical Tactical Cables allow you to go in to the most unforgiving environments with safety and reliability.

Construction

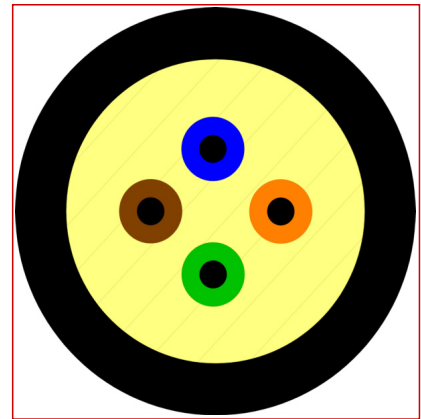
- 900 micron tight buffered fibers, surrounded by aramid yarns
- Cable design accomodates 1-24 fibers
- Crush-resistant, durable jacket offering superior flexibility in cold temperatures
- Heavy duty and low smoke zero halogen designs available

Applications

- Excellent for field deployable/retrievable applications such as news/sports coverage
- Petrochemical, heavy industrial, mining, and other harsh environments
- Military, law enforcement and tactical security applications
- Commercial security and sensor applications

Benefits

- Flexibility allows for simple field deployment and redeployment
- Field repairs are supported due to tight-buffered fibers
- Rugged polyurethane sheath designed for harsh environments
- Compact size and lightweight design



Standards

International EN 50173; ISO/IEC 11801

National ANSI/ICEA S-104-696; ANSI/ICEA S-87-640; ANSI/TIA-568-C.3; Telcordia GR-409

Fiber Optic Tactical Cable

Sheath Colors

Fiber Type	ISO-TIA Standard	Effective Modal BW @ 850 nm	Overfilled Launch BW @ 850 nm	Attenuation @ 850 nm	Attenuation @ 1300 nm	Attenuation @ 1550 nm	Sheath Color
AB	OS1	NS	NS	NS	0.7 dB/km	0.7 dB/km	Black
CB	OM1	200 MHz-km	200 MHz-km	3.5 dB/km	1.0 dB/km	NS	Black
GB	OM1	500 MHz-km	350 MHz-km	3.5 dB/km	1.0 dB/km	NS	Black
ZB	OM2	500 MHz-km	500 MHz-km	3.5 dB/km	1.5 dB/km	NS	Black
LB	OM2+	950 MHz-km	700 MHz-km	3.0 dB/km	1.0 dB/km	NS	Black
EB	OM3	2000 MHz-km	1500 MHz-km	3.0 dB/km	1.0 dB/km	NS	Black
FB	OM4	4700 MHz-km	3500 MHz-km	3.0 dB/km	1.0 dB/km	NS	Black
XB	OM4+	4900 MHz-km	3675 MHz-km	3.0 dB/km	1.0 dB/km	NS	Black

NS = Not Specified

Physical Characteristics - All Fiber types

Nb optical fibres	Nominal outer diameter [in]	Approximate weight [lb/kft]	Minimum Bending Radius - LongTerm [in]	Max. Load Long Term (lbs) [lb]	Minimum Bending Radius - Install [in]	Maximum installation tension [lb]
1	0.228	15	2.3	45.0	3.4	150
1	0.228	19	2.3	45.0	3.4	150
2	0.228	16	2.3	45.0	3.4	150
2	0.228	20	2.3	45.0	3.4	150
2	0.301	26	3	120.0	4.5	490
4	0.228	17	2.3	45.0	3.4	150
4	0.228	21	2.3	45.0	3.4	150
4	0.301	26	3	120.0	4.5	490
6	0.24	25	2.4	45.0	3.6	150
6	0.349	30	3.5	150.0	5.2	600
8	0.399	35	4	150.0	6	600
12	0.265	30	2.7	45.0	4	150
12	0.504	78	5	190.0	7.6	750
18	0.509	117	5.1	190.0	7.6	750
24	0.59	143	5.9	300.0	8.9	1000

Product List

☎ = Make to order, 🏭 = Make to stock

Part Number	Description
☎ TFC001CB3510/25	1 x OM1 Tactical Fiber Cable
☎ TFCZ001CB3510/25	1 x OM1 Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFC001GB3510/25	1 x OM1+ Tactical Fiber Cable
☎ TFCZ001GB3510/25	1 x OM1+ Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFC001ZB3515/55	1 x OM2 Tactical Fiber Cable

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Fiber Optic Tactical Cable

Part Number	Description
☎ TFCZ001ZB3515/55	1 x OM2 Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFC001LB3010/75	1 x OM2+ Tactical Fiber Cable
☎ TFCZ001LB3010/75	1 x OM2+ Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFC001EB3010/25	1 x OM3 Tactical Fiber Cable
☎ TFCZ001EB3010/25	1 x OM3 Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFC001FB3010/F5	1 x OM4 Tactical Fiber Cable
☎ TFCZ001FB3010/F5	1 x OM4 Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFC001XB3010/X5	1 x OM4+ Tactical Fiber Cable
☎ TFCZ001XB3010/X5	1 x OM4+ Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFC001AB0707	1 x SMF Tactical Fiber Cable
☎ TFCZ001AB0707	1 x SMF Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFHD012CB3510/25	12 x OM1 Heavy Duty Tactical Fiber Cable
☎ TFC012CB3510/25	12 x OM1 Tactical Fiber Cable
☎ TFHD012GB3510/25	12 x OM1+ Heavy Duty Tactical Fiber Cable
☎ TFC012GB3510/25	12 x OM1+ Tactical Fiber Cable
☎ TFHD012ZB3515/55	12 x OM2 Heavy Duty Tactical Fiber Cable
☎ TFC012ZB3515/55	12 x OM2 Tactical Fiber Cable
☎ TFHD012LB3010/75	12 x OM2+ Heavy Duty Tactical Fiber Cable
☎ TFC012LB3010/75	12 x OM2+ Tactical Fiber Cable
☎ TFHD012EB3010/25	12 x OM3 Heavy Duty Tactical Fiber Cable
☎ TFC012EB3010/25	12 x OM3 Tactical Fiber Cable
☎ TFHD012FB3010/F5	12 x OM4 Heavy Duty Tactical Fiber Cable
☎ TFC012FB3010/F5	12 x OM4 Tactical Fiber Cable
☎ TFHD012XB3010/X5	12 x OM4+ Heavy Duty Tactical Fiber Cable
☎ TFC012XB3010/X5	12 x OM4+ Tactical Fiber Cable
☎ TFHD012AB0707	12 x SMF Heavy Duty Tactical Fiber Cable
☎ TFC012AB0707	12 x SMF Tactical Fiber Cable
☎ TFHD018CB3510/25	18 x OM1 Heavy Duty Tactical Fiber Cable
☎ TFHD018GB3510/25	18 x OM1+ Heavy Duty Tactical Fiber Cable
☎ TFHD018ZB3515/55	18 x OM2 Heavy Duty Tactical Fiber Cable
☎ TFHD018LB3010/75	18 x OM2+ Heavy Duty Tactical Fiber Cable
☎ TFHD018EB3010/25	18 x OM3 Heavy Duty Tactical Fiber Cable
☎ TFHD018FB3010/F5	18 x OM4 Heavy Duty Tactical Fiber Cable
☎ TFHD018XB3010/X5	18 x OM4+ Heavy Duty Tactical Fiber Cable
☎ TFHD018AB0707	18 x SMF Heavy Duty Tactical Fiber Cable
☎ TFHD002CB3510/25	2 x OM1 Heavy Duty Tactical Fiber Cable
☎ TFC002CB3510/25	2 x OM1 Tactical Fiber Cable
☎ TFCZ002CB3510/25	2 x OM1 Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFHD002GB3510/25	2 x OM1+ Heavy Duty Tactical Fiber Cable
☎ TFC002GB3510/25	2 x OM1+ Tactical Fiber Cable
☎ TFCZ002GB3510/25	2 x OM1+ Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFHD002ZB3515/55	2 x OM2 Heavy Duty Tactical Fiber Cable
☎ TFC002ZB3515/55	2 x OM2 Tactical Fiber Cable

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Fiber Optic Tactical Cable

Part Number	Description
☎ TFCZ002ZB3515/55	2 x OM2 Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFHD002LB3010/75	2 x OM2+ Heavy Duty Tactical Fiber Cable
☎ TFC002LB3010/75	2 x OM2+ Tactical Fiber Cable
☎ TFCZ002LB3010/75	2 x OM2+ Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFHD002EB3010/25	2 x OM3 Heavy Duty Tactical Fiber Cable
☎ TFC002EB3010/25	2 x OM3 Tactical Fiber Cable
☎ TFCZ002EB3010/25	2 x OM3 Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFHD002FB3010/F5	2 x OM4 Heavy Duty Tactical Fiber Cable
☎ TFC002FB3010/F5	2 x OM4 Tactical Fiber Cable
☎ TFCZ002FB3010/F5	2 x OM4 Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFHD002XB3010/X5	2 x OM4+ Heavy Duty Tactical Fiber Cable
☎ TFC002XB3010/X5	2 x OM4+ Tactical Fiber Cable
☎ TFCZ002XB3010/X5	2 x OM4+ Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFHD002AB0707	2 x SMF Heavy Duty Tactical Fiber Cable
☎ TFC002AB0707	2 x SMF Tactical Fiber Cable
☎ TFCZ002AB0707	2 x SMF Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFHD024CB3510/25	24 x OM1 Heavy Duty Tactical Fiber Cable
☎ TFHD024GB3510/25	24 x OM1+ Heavy Duty Tactical Fiber Cable
☎ TFHD024ZB3515/55	24 x OM2 Heavy Duty Tactical Fiber Cable
☎ TFHD024LB3010/75	24 x OM2+ Heavy Duty Tactical Fiber Cable
☎ TFHD024EB3010/25	24 x OM3 Heavy Duty Tactical Fiber Cable
☎ TFHD024FB3010/F5	24 x OM4 Heavy Duty Tactical Fiber Cable
☎ TFHD024XB3010/X5	24 x OM4+ Heavy Duty Tactical Fiber Cable
☎ TFHD024AB0707	24 x SMF Heavy Duty Tactical Fiber Cable
☎ TFHD004CB3510/25	4 x OM1 Heavy Duty Tactical Fiber Cable
☎ TFC004CB3510/25	4 x OM1 Tactical Fiber Cable
☎ TFCZ004CB3510/25	4 x OM1 Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFHD004GB3510/25	4 x OM1+ Heavy Duty Tactical Fiber Cable
☎ TFC004GB3510/25	4 x OM1+ Tactical Fiber Cable
☎ TFCZ004GB3510/25	4 x OM1+ Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFHD004ZB3515/55	4 x OM2 Heavy Duty Tactical Fiber Cable
☎ TFC004ZB3515/55	4 x OM2 Tactical Fiber Cable
☎ TFCZ004ZB3515/55	4 x OM2 Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFHD004LB3010/75	4 x OM2+ Heavy Duty Tactical Fiber Cable
☎ TFC004LB3010/75	4 x OM2+ Tactical Fiber Cable
☎ TFCZ004LB3010/75	4 x OM2+ Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFHD004EB3010/25	4 x OM3 Heavy Duty Tactical Fiber Cable
☎ TFC004EB3010/25	4 x OM3 Tactical Fiber Cable
☎ TFCZ004EB3010/25	4 x OM3 Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFHD004FB3010/F5	4 x OM4 Heavy Duty Tactical Fiber Cable
☎ TFC004FB3010/F5	4 x OM4 Tactical Fiber Cable
☎ TFCZ004FB3010/F5	4 x OM4 Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFHD004XB3010/X5	4 x OM4+ Heavy Duty Tactical Fiber Cable

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Fiber Optic Tactical Cable

Part Number	Description
☎ TFC004XB3010/X5	4 x OM4+ Tactical Fiber Cable
☎ TFCZ004XB3010/X5	4 x OM4+ Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFHD004AB0707	4 x SMF Heavy Duty Tactical Fiber Cable
☎ TFC004AB0707	4 x SMF Tactical Fiber Cable
☎ TFCZ004AB0707	4 x SMF Tactical Fiber Low Smoke Zero Halogen Cable
☎ TFHD006CB3510/25	6 x OM1 Heavy Duty Tactical Fiber Cable
☎ TFC006CB3510/25	6 x OM1 Tactical Fiber Cable
☎ TFHD006GB3510/25	6 x OM1+ Heavy Duty Tactical Fiber Cable
☎ TFC006GB3510/25	6 x OM1+ Tactical Fiber Cable
☎ TFHD006ZB3515/55	6 x OM2 Heavy Duty Tactical Fiber Cable
☎ TFC006ZB3515/55	6 x OM2 Tactical Fiber Cable
☎ TFHD006LB3010/75	6 x OM2+ Heavy Duty Tactical Fiber Cable
☎ TFC006LB3010/75	6 x OM2+ Tactical Fiber Cable
☎ TFHD006EB3010/25	6 x OM3 Heavy Duty Tactical Fiber Cable
☎ TFC006EB3010/25	6 x OM3 Tactical Fiber Cable
☎ TFHD006FB3010/F5	6 x OM4 Heavy Duty Tactical Fiber Cable
☎ TFC006FB3010/F5	6 x OM4 Tactical Fiber Cable
☎ TFHD006XB3010/X5	6 x OM4+ Heavy Duty Tactical Fiber Cable
☎ TFC006XB3010/X5	6 x OM4+ Tactical Fiber Cable
☎ TFHD006AB0707	6 x SMF Heavy Duty Tactical Fiber Cable
☎ TFC006AB0707	6 x SMF Tactical Fiber Cable
☎ TFHD008CB3510/25	8 x OM1 Heavy Duty Tactical Fiber Cable
☎ TFHD008GB3510/25	8 x OM1+ Heavy Duty Tactical Fiber Cable
☎ TFHD008ZB3515/55	8 x OM2 Heavy Duty Tactical Fiber Cable
☎ TFHD008LB3010/75	8 x OM2+ Heavy Duty Tactical Fiber Cable
☎ TFHD008EB3010/25	8 x OM3 Heavy Duty Tactical Fiber Cable
☎ TFHD008FB3010/F5	8 x OM4 Heavy Duty Tactical Fiber Cable
☎ TFHD008XB3010/X5	8 x OM4+ Heavy Duty Tactical Fiber Cable
☎ TFHD008AB0707	8 x SMF Heavy Duty Tactical Fiber Cable

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Manufacturing Release

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