

M85045 軍規船用光纖電纜

4501301	Mil-PRF-85045/13-01P Multimode, 8 fiber, thermoplastic jacket NSN:6015-01-422-6499 (Suitable for M85045/13-01N Applications)
4501302	Mil-PRF-85045/13-02P Singlemode, 8 fiber, thermoplastic jacket NSN:6015-01-422-6495 (Suitable for M85045/13-02N Applications)
4501501	Mil-PRF-85045/15-01P Multimode, 4 fiber, thermoplastic jacket NSN:6015-01-422-6496 (Suitable for M85045/15-01N Applications)
4501502	Mil-PRF-85045/15-02P Singlemode, 4 fiber, thermoplastic jacket NSN:6015-01-422-6504 (Suitable for M85045/15-02N Applications)
4501601	Mil-PRF-85045/16-01 Multimode, 1 fiber, thermoplastic jacket NSN:6015-01-422-6497
4501602	Mil-PRF-85045/16-02 Singlemode, 1 fiber, thermoplastic jacket NSN:6015-01-422-6500
4501701	Mil-PRF-85045/17-01P Multimode, 8 fiber, thermoset jacket NSN:6015-01-442-9420 (Suitable for M85045/17-01N Applications)
4501702	Mil-PRF-85045/17-02P Singlemode, 8 fiber, thermoset jacket NSN:6015-01-422-6503 (Suitable for M85045/17-02N Applications)
4501801	Mil-PRF-85045/18-01P Multimode, 4 fiber, thermoset jacket NSN:6015-01-442-9423 (Suitable for M85045/18-01N Applications)
4501802	Mil-PRF-85045/18-02P Singlemode, 4 fiber, thermoset jacket NSN: 6015-01-450-6228 (Suitable for M85045/18-02N Applications)

MIL-C-85045(FIBER OPTIC CABLE)

THERMOPLASTIC

M85045/13, /15

62.5µm/125µm

APPLICATIONS:

Designed for use in shipboard applications where increased bandwidth, low attenuation and immunity to EMI/RFI are required. Engineered to satisfy the stringent environmental and mechanical requirements of the U.S. Navy.

SPECIFICATIONS:

1. FIBER: 62.5µm/125µm glass fiber, graded index multimode.
2. ASSEMBLY: Optical fiber cable components (OFCC's) are layed around a central strength member wrapped with saltwater blocking tape. A binder of saltwater blocking tape is applied overall. An aramid yarn strength member is helically applied.
3. OVERALL JACKET: Low smoke, thermoplastic.
4. STANDARDS: Cable meets the requirements of MIL-C-85045E/15 or MIL-C-85045E/13. All cables meet the requirements of MIL-C-85045 latest revision.
5. TEMPERATURE: -28°C to +65°C

NEC Number	Number of OFCC's	Nom. Diameter Of Fiber	Nom. Diameter of Cladding	Nominal O.D.	Approximate Weight Lbs./Ft
		µm	µm	IN	
M85045/15-01	4	62.5	125	.325	42
M85045/13-01	8	62.5	125	.325	78

Note: Single mode and additional fiber counts available upon request; consult us.

ST connector per MIL-C-83522 available upon request. Use Number 137226.

Diameter and weights may vary between manufacturers.

THERMOSET

M85045/17, /18

62.5µm/ 125µm

APPLICATIONS:

Designed for use in shipboard applications where increased bandwidth, low attenuation and immunity to EMI/RFI are required. Engineered to satisfy the stringent environmental and mechanical requirements of the U.S. Navy. Exclusive use on combat systems --- NAVSEA approved.

SPECIFICATIONS:

1. FIBER: 62.5µm/125µm glass fiber, graded index multimode.
2. ASSEMBLY: Optical fiber cable components (OFCC's) are layed around a central strength member wrapped with saltwater blocking tape. A binder of saltwater blocking tape is applied overall. An aramid yarn strength member is helically applied.
3. OVERALL JACKET: Thermoset, low smoke, zero halogen.
4. STANDARDS: Cable meets the requirements of MIL-C-85045E/18 or MIL-C-85045E/17. All cables meet the requirements of NAVSEA 6710781 and MIL-C-85045 latest revision.
5. TEMPERATURE: -28°C to +65°C

NEC Number	Number of OFCC's	Nom. Diameter Of Fiber	Nom. Diameter of Cladding	Nominal O.D.	Approximate Weight Lbs./Ft
		µm	µm	IN	
M85045/18-01	4	62.5	125	.325	42
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Note: Single mode and additional fiber counts available upon request; consult us.

ST connector per MIL-C-83522 available upon request. Use Number 137226.

Diameter and weights may vary between manufacturers.



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