

MG-A-MTA-6-04HT-E-KHBH-D SHF1 BK

Part Number: F60040480B

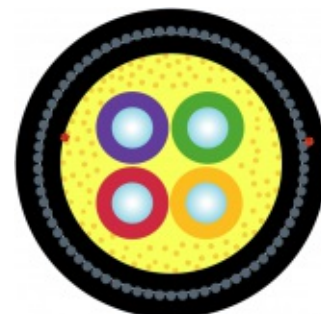
Applications: Maritime Environments, Offshore Installations, Rugged environments, Ships, High Speed & Light Craft

General Construction: The cable contains four graded index multimode 62.5/125/250 µm color coded optical fibers each with a 0.9 mm tight buffer. All cables are reinforced by aramid strength yarns and encased within a inner jacket. The inner cable is wrapped with a layer of braided steel wires provides rodent protection and outer jacketed. Water blocking materials are applied inside the inner cable.

Outer Jacket Material: FR-LSZH

Outer Diameter: 8.5 mm nom.

Weight: 137 kg/km



Design & Materials

Buffer Material:	FR-LSZH
Buffer Diameter:	900 µm
Color Code:	Per TIA/EIA 598-C
Strength Elements:	Aramid Yarns
Overall Braid Material:	Steel wire
Inner Jacket Material:	HFFR
Armoring:	Braided Stainless Steel
Armoring Wire Diameter:	0.3 mm
Number of fibers:	4
Waterblocking:	Dry Waterblocking
Rip-Cord:	Yes
Marking:	Per request

Standards

Applicable Standards:	DNV TYPE DA Armored FiberOptic Cable, IEC 60794
Flammability Rating:	IEC 60331, IEC 60332-1, IEC 60332-3 , IEC 60754-1/2, IEC 61034
Installation:	Guidelines as per IEC TR 62691

Performance

Max. Installation Tensile Load :	1500 N max.
Max. Residual Tension (MRS) :	900 N max.
Impact Resistance:	2.2- 2.9 N*m
Impact Resistance:	20 cycles
Max. Crush Resistance:	220 N/cm
Min. Bend Radius for Installation:	20xD mm
Min. Bend Radius for Operation:	10xD mm
Repeated Bending:	500 cycles
Max. Operating Temperature:	+80 °C
Min. Operating Temperature:	-40 °C
Max. Storage Temperature:	+80 °C
Min. Storage Temperature:	-40 °C
UV Resistance:	Yes
Waterblocking:	Yes