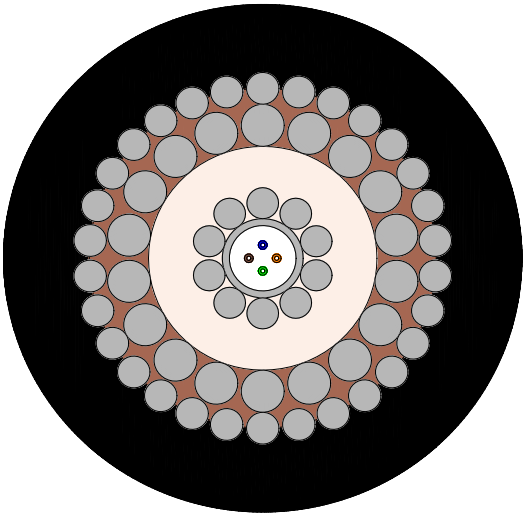


Description	Controlled Customer Copy	Part No.	Revision	Issue	Date
Bottom Lay Cable	Rochester Cable	A711567	A		21 Mar 2024

DESCRIPTION	INCH	MM
<u>ELEMENT A: Optic Tube (1)</u>		
Fiber: 8.2/125/242 μm SM (4)	0.010	0.25
Fiber Colors: Per TIA-598		
Tube: Gel filled Type 304 SS	0.092	2.34
Armor: 10/0.036" GIPS	0.164	4.17
Belt: HDPE – natural	0.260	6.60
<u>STRENGTH MEMBER</u>		
Layer 1: 18/0.049" GIPS void filled	0.356	9.04
Layer 2: 30/0.037" GIPS void filled and taped	0.443	11.25
<u>JACKET</u>		
HDPE – black	0.590 ± 0.003	14.99 ± 0.08



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CABLE CHARACTERISTICS

NOMINAL VALUES @ 20°C

Imperial/US

SI

PHYSICAL

Weight in Air	370 lb/kft	551 kg/km
Weight in Seawater	248 lb/kft	370 kg/km
Specific Gravity	3.0	3.0

MECHANICAL

Breaking Strength	15,000 lbf	67 kN
Installation Load @ 0.37% strain	4,750 lbf	21.1 kN
Recommended Bend Radius ¹	≥ 12 in	≥ 30 cm

OPTICAL

Fiber per ITU-T G.652 D

Attenuation Rate

Element A

@1310 nm	--	0.42 dB/km
@1550 nm	--	0.25 dB/km

¹The relationship between sheave diameter and cable diameter is a critical factor used to establish a product's fatigue resistance or relative serviceability. Operation over smaller than recommended diameters may adversely affect service life

Jurisdiction: Export Administration Regulations (EAR)

Technology ECCN: EAR99

Hardware ECCN: EAR99

HTS Code: 8544.70.0000

Date of Marking: March 21, 2024

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