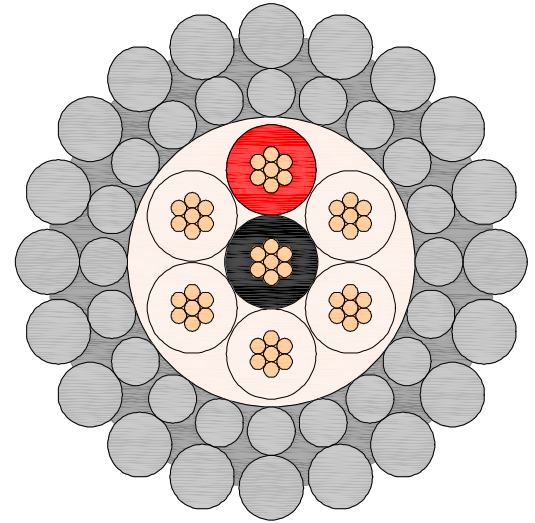




ROCHESTER CABLE – A379319

Description	Controlled Customer Copy	Part No.	Revision	Issue	Date
CTD Cable	Rochester Cable	A379319	A		31 Jul 2020

DESCRIPTION	INCH	MM
<u>CONDUCTORS</u> (7) #22 AWG, 7/0.010" (0.25 mm) Cu	0.030	0.76
<u>INSULATION</u> 0.014" (0.36 mm) Wall EPC Colors: Black, Red, 5x Natural	0.058	1.47
<u>CORE</u> 6 insulated cdrs around 1	0.176	4.47
<u>BELT</u> 0.005" (0.13 mm) Wall TPE - Natural	0.186 ± 0.002	4.72 ± 0.05
<u>ARMOR: GEEIPS</u> Layer 1: 20/0.031" (0.79 mm) Layer 2: 20/0.0415" (1.05 mm)	0.248 0.331 ± 0.004	6.30 8.41 ± 0.10





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CABLE CHARACTERISTICS NOMINAL VALUES @ 20°C

Imperial/US

SI

PHYSICAL

Weight in Air	185 lb/kft	276 kg/km
Weight in Seawater	153 lb/kft	228 kg/km
Specific Gravity	5.7	5.7

MECHANICAL

Breaking Strength	11,000 lbf	48.9 kN
Working Load	2,700 lbf	12.0 kN
Recommended Bend Radius*	7 in	17 cm

ELECTRICAL

Voltage Rating	600 Vdc	600 Vdc
dc Resistance	16.6 Ω /kft	54.3 Ω /km
Insulation Resistance	50,000 M Ω •kft	15,000 M Ω •km

*The 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 sheave diameters may adversely affect service life

Jurisdiction: Export Administration Regulations (15 CFR)

ECCN: 8A992.e

HTS Code: 8544.49.30.80

Date of Marking: July 31, 2020

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