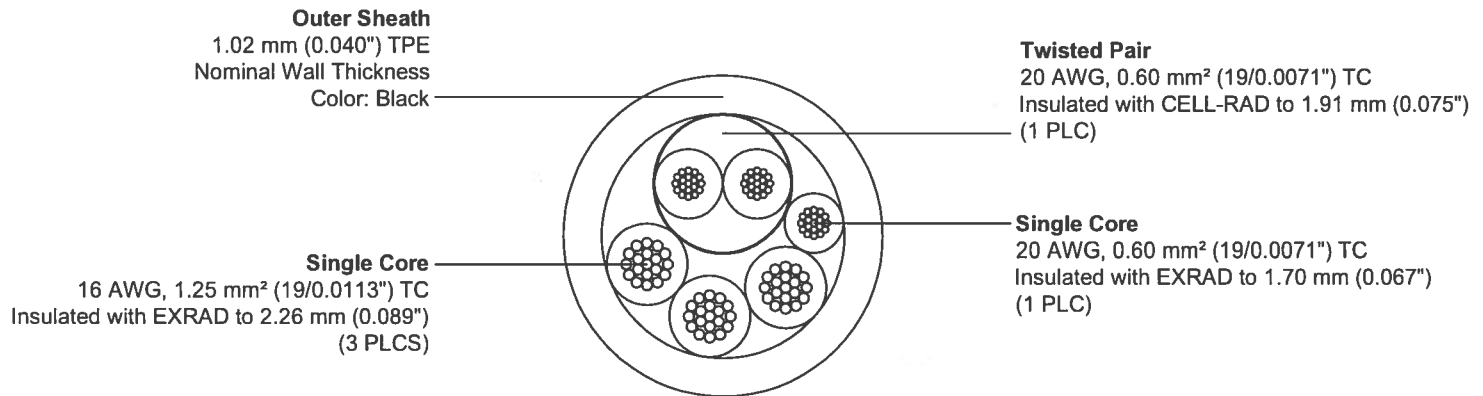


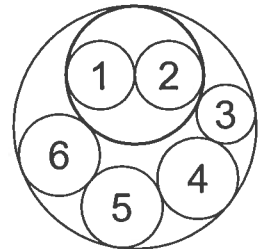
REVISIONS				
REV	DESCRIPTION	BY	APRVD	DATE
0	Released for Manufacturing	SRM	CH	07/19/21
1	Updated Drawing per Customer request	gmm	CH	2/19/22



Finished Diameter: 8.89 ± 0.18 mm (0.350 ± 0.007")

Color Code

1. Green
2. Yellow
3. Purple
4. Black
5. Red
6. Green/Yellow



Print:
"CHX030609 COMPOSITE CABLE 20AWG TP 3C 16 AWG 1C 20 AWG
UMBILICALS.COM YYWKXX"
YY = YEAR, WK = WEEK, XX = RUN NO.

Nominal Mechanical Properties:	Imperial	Metric	Electrical Properties:	Elect. Resist Ω/km @ 20C	Ins. Resist GΩ* km @500 Vdc	Nom. Capacitance (nF/km)	Impedance (Ω)	Max. Attenuation		Voltage Rating Uo/U (kV)
								(MHz)	(dB/km)	
Min. Bend Radius (Static)	1.97 in	50.0 mm	16 AWG	< 16.6	> 0.5	---	---	---	---	0.3/0.3
Min. Bend Radius (Dynamic)	3.3 in	84.5 mm	20 AWG	< 35.0	> 0.5	---	120 ± 10	---	---	0.3/0.3
Weight in air	65 lb/kft	95 kg/km								
Temperature Range	-40/+221 °F	-40/+105 °C								

*Assumes seawater SG @ 1.025

Disclaimer:

Metric conductors may be substituted with the nearest standard AWG's in order to reduce manufacturing lead-time.



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TITLE: COMPOSITE CABLE

DWN.BY:
S. MEHORNAY

CHK'D/APRVD BY:
C. HAVNER

DES.G BY:
C. HAVNER

FILE NAME:
CHX030609

SCALE:
NTS

PART NO.:
CHX030609

DATE:
02/09/2022

SHEET:
1 of 1