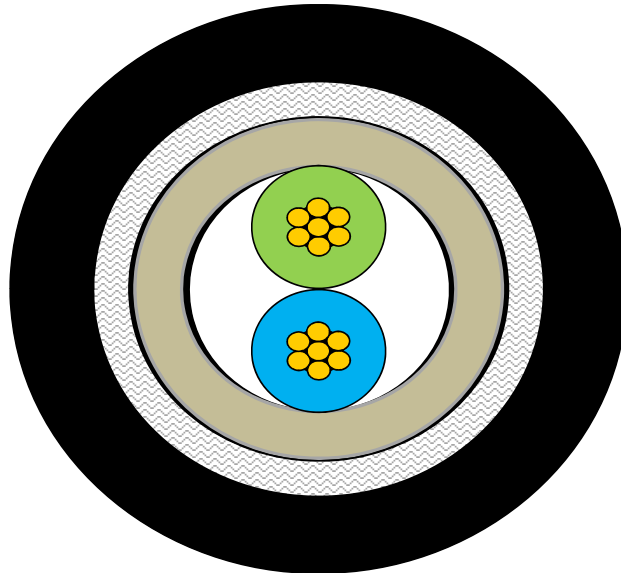


REV.	DESCRIPTION	DATE
0	Initial release	5/2/2017

General Composition of Cable



Color Code

Cond 1	LT Green
Cond 2	LT Blue

Physical Data

Description	Dimensions (Nom.)		
		inches	mm
1. Conductor:	0.35mm ² 7/.16mm copper	0.029	0.74
2. Insulation:	EXRAD 150UT 18.0 mil wall thickness	0.065	1.65
3. Cable:	Twist 2 X 0.35mm ² Lead Wires, with Length of lay = 14mm	0.130	3.30
4. Inner Jacket:	EXRAD ERGO-Flex 15.0 mil wall thickness	0.160	4.07
5. Shield:	Aluminum Polyester 1.5 mil foil in 25% min overlap	0.164	4.17
6. Shield:	Braid 0.080mm tinned copper 85% min coverage	0.178	4.52
7. Jacket:	EXRAD ERGO Flex 25.0 mil wall thickness	0.228	5.80

Diameter measured along the major axis

Conductor Resistance: 15.6 ohms / kft 63.23 mohm/m nominal
 Impedance: 100 +/- 5 Ohms nom. @36 MHz
 Swept Electrical performance

Frequency MHz	dB/15m
1	< 0.9
10	< 2.4
33	< 4.65
66	< 6.75

Frequency (MHz)	Return Loss (dB)
1	-20.00
10	-20.00
33	-17.86
66	-14.80

General Data

Temperature Range: -55° C to +125° C
 Voltage Rating: 60 volts
 Flex Bend Radius: inches mm
 0.9 23



TITLE
2 X 0.35mm² Ethernet Shielded Cable 100 Base T

UNLESS OTHERWISE SPECIFIED,
 DIMENSIONS AND TOLERANCES
 ARE IN INCHES

DRN. Richard Antic
 CKD.

DATE 5/2/2017

DO NOT SCALE THIS DRAWING

SIZE A PART NUMBER TBD

DOCUMENT NUMBER 15958