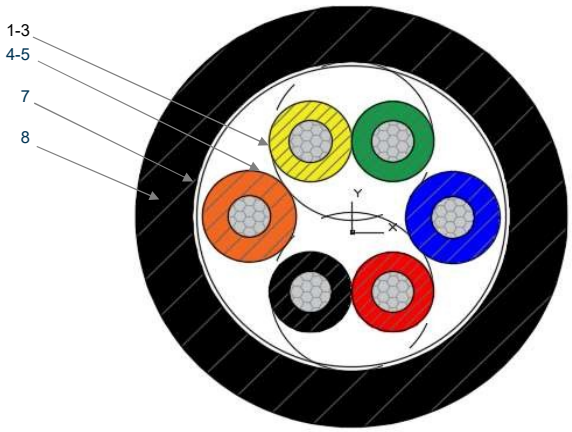
REV.	DESCRIPTION	DATE
0	Initial release	3/23/2020
1	22 AWG conductors	4/8/2020
2	All 22 AWG Conductors	4/23/2020
3	Update Print and Colors	4/27/2020



Item	Component	Description	<>	Thickness inch Nom	Thickness inch Min	Thickness mm Nom	Thickness mm Min	<>	Dimensions inch Nom	Dimensions inch Tol	Dimensions mm Nom	Dimensions mm Tol
1.	Conductor:	22 AWG 7/30 TC				NA	NA		0.030		0.76	NA
2.	Insulation:	EXRAD 125C		0.014		0.36	NA		0.058	0.002	1.47	0.05
3.	Cable:	Twin two 20 AWG leads for UTP				NA	NA		0.115		2.92	NA
4.	Conductor:	22 AWG 7/30 TC				NA	NA		0.030	0.001	0.76	0.03
5.	Insulation:	EXRAD 150FX		0.018		0.46	NA		0.066	0.002	1.68	0.05
6.	Cable:	Cable two UTP and two primaries per diagram				NA	NA		0.218		5.54	NA
7.	Tape:	Polyester tape, 33% lap		0.001		0.03	NA		0.220		5.59	NA
8.	Jacket:	EXRAD ErgoFlex		0.038		0.97	NA		0.296	0.012	7.52	0.30

Print: TOPCON PN 1042087-01

General Data

Spark Test Voltage:	2KvAC
CAN Cables:	60V
Power Cables:	300V
Temperature Range:	-40°C to +125°C
Characteristic Impedance:	120 +/- 12 Ohms (Green-Yellow, Red-Black Pairs)
Static Bend Radius:	in 1.48 mm 37.62

CHAMPLAIN CABLE

TITLE

6C 22 AWG COMPOSITE CABLE

Special Characterisitcs <S> Safety <D> Dimensional	DRN. R. Trahan	DATE 3/23/2020	
	CKD.	DATE	
DO NOT SCALE THIS DRAWING	SIZE A	PART NUMBER TBD	DOCUMENT NUMBER 18307

Preliminary Drawing for Design use only