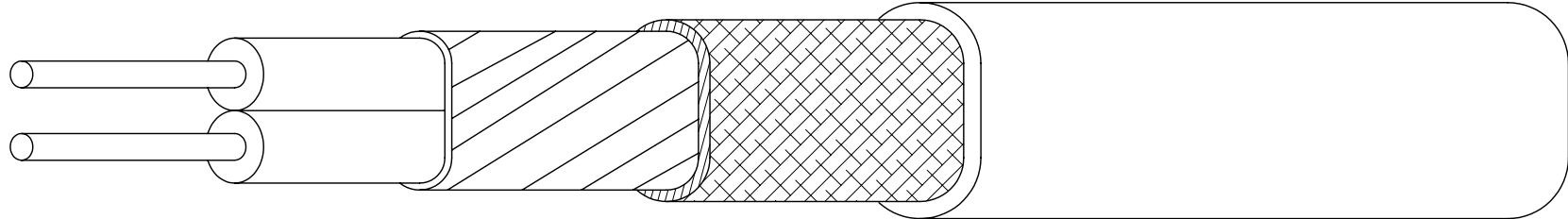


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REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR
	A	REVISED CONSTRUCTION	8/01/01	K KIM
	B	REVISED CONSTRUCTION	8/11/01	K KIM
	C	REVISED DIELECTRIC COLOR CODE & ATTENUATION	10/22/04	K KIM

CONSTRUCTION

1. CONDUCTOR: $\phi.019 \pm .002$ AWG 26, 19/38 AWG, SILVER-COATED COPPER WIRE
2. DIELECTRIC: $\phi.047 \pm .003$ EXPANDED PTFE, COLOR WHITE, LIGHT BLUE
3. SHIELD 1: $.050 \pm .003$ X $.096 \pm .003$ ALUMINUM MYLAR
4. SHIELD 2: $.063 \pm .004$ X $.109 \pm .004$ AWG 40, SPC WIRE
5. JACKET: $.085 \pm .005$ x $.130 \pm .005$ EXTRUDED FEP, COLOR RED



CONDUCTOR DIELECTRIC SHIELD 1 SHIELD 2 JACKET

ELECTRICAL PARAMETERS


IMPEDANCE: 100 ± 10 OHMS (MEASURED DIFFERENTIALLY)
 55 ± 5 OHMS (MEASURED SIG. TO SHIELD)
 CAPACITANCE: 13.5 MAX pF/FT (MEASURED SIG. TO SIG.)
 VEL. OF PROPAGRATION: % OF AIR 85% NOM.
 DIELECTRIC STRENGTH: 500 VRMS
 TIME DELAY: 1.28 ns MAX
 INDUCTANCE : .12 uH (SIGNAL TO SIGNAL) NOM.
 RESISTANCE : 38 OHMS/1,000 FT (SIGNALS)
 SKEW (max): 10 pS/FT

ATTENUATION (NOM.)

FREQ. (MHz)	100	350	500	1,000
ATTEN. (dB/100 ft)	8	16	20	30

MINIMUM BEND RADIUS: .560 Inches
 WEIGHT PER 1,000 FT: 9.2 LBS NOM.

Sabritec P/N 540-1153-000

REF				TITLE <i>Customer Use Dwg</i>	
APPROVALS				DATE	
DRAWN					
CHECKED					
ENGR.					
USED ON <i>Customer Use</i>		SIZE B	FSCM CODE 58795	DRAWING NO. <i>Customer Use Dwg.</i> 540-1153-000	
SCALE 10/1		COMP. NO. LFN	SHEET 1 OF 1		