

I. DESCRIPTION:

18 AWG (41X#34) TINNED COPPER, CROSSLINKED POLYETHYLENE INSULATION, TWISTED SHIELDED PAIR, 20 AWG STRANDED TINNED COPPER DRAIN WIRE, ALUMINUM/POLYESTER TAPE PLUS 70% COVERAGE TINNED COPPER BRAID SHIELD, PVC JACKET.

II. ELECTRICAL CHARACTERISTICS:

MAX. OPERATING VOLTAGE:	600 V RMS
MAX. CONTINUOUS CURRENT PER CONDUCTORS @ 25 DEG. C:	5.2 A
NOM. CAPACITANCE BETWEEN CONDUCTOR @ 1 KHZ:	19 PF/FT
NOM. CAPACITANCE CONDUCTOR TO SHIELD @ 1 KHZ*	40.5 PF/FT
NOM. INDUCTANCE OF PAIRS:	.21 MICRO-H/FT.
NOM. CONDUCTOR DC RESISTANCE @ 20 DEG. C:	6.8 OHMS/1000 FT.
NOM. SHIELD DC RESISTANCE @ 20 DEG. C:	2.8 OHMS/1000 FT.
*ONE CONDUCTOR TO OTHER CONDUCTOR AND SHIELD	

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING:	-40 TO +90 DEG. C
INSULATION MATERIAL:	XLPE
JACKET MATERIAL (COLOR):	PVC (BLACK)
TYPE SHIELD AND % COVERAGE:	ALUM/POLYESTER-100% TINNED COPPER BRAID-70%
TWISTED PAIR LAY LENGTH:	1.5 " (8 TWIST/FT)
MAXIMUM PULLING TENSION:	88.7 LBS
MIN. BEND RADIUS:	3"
NOM. WEIGHT/1000 FT.:	56.3 LBS.
APPLICABLE SPECIFICATIONS:	CSA AWM II, A/B 600V 90C
FLAME RESISTANCE:	CSA FT1
COLOR CODE:	BLACK/WHITE
DIAMETER:	.295" +/- .010"