

03-06-15 REV. 3

129775

I. DESCRIPTION:

18 AWG (19X#30), TINNED COPPER, 9 INDIVIDUALLY SHIELDED
PAIRS, EACH WITH 20 AWG STRANDED TINNED COPPER DRAIN WIRE,
PVC INNER JACKET, ALUMINUM INTERLOCKED ARMOR, PVC JACKET.

II. ELECTRICAL CHARACTERISTICS:

MAX. OPERATING VOLTAGE:	300 VRMS
MAX. CONTINUOUS CURRENT PER CONDUCTOR @ 25 DEG. C:	2.7 AMPS
NOM. CAPACITANCE BETWEEN CONDUCTORS OF PAIR @ 1 KHZ:	30 PF/FT.
NOM. CAPACITANCE CONDUCTOR TO SHIELD @ 1 KHZ*:	55 PF/FT.
NOM IMPEDANCE:	50 OHMS
NOM. INDUCTANCE OF PAIRS:	.18 MICRO-H/FT.
NOM. CONDUCTOR OF DC RESISTANCE @ 20 DEG. C:	6.4 OHMS/1000 FT.
NOM. SHIELD DC RESISTANCE @ 20 DEG. C:	8.3 OHMS/1000 FT.

*ONE CONDUCTOR TO OTHER CONDUCTORS AND SHIELD

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING:	-20 TO +80 DEG.C
INSULATION MATERIAL:	POLYPROPYLENE
INNER JACKET MATERIAL:	PVC
TYPE SHIELD & % COVERAGE:	POLYESTER/ALUM, 100%
TWISTED PAIR LAY LENGTH:	1.75"
MAX. PULLING TENSION:	200 LBS.
AN ALUMINUM INTERLOCKED ARMOR AND PVC OUTER JACKET ARE APPLIED OVER THE BELDEN 9775 CORE.	

CORE DIAMETER:	.66"
ARMOR DIAMETER:	.86"
OVERALL DIAMETER:	.965"
MIN. BEND RADIUS:	9.6"
NOM. WEIGHT/1000 FT.:	436 LBS.(EST)
APPLICABLE SPECIFICATION:	UL & C(UL) TYPE CM, CSA TYPE CMG, HAZARDOUS LOCATIONS UL1685 UL LOADING
FLAME RESISTANCE:	