



## TECHNICAL DATA SHEET

28606A

### I. DESCRIPTION:

TYPE TC-ER: 16 CONDUCTORS - 18(7X) AWG BARE CU CONDUCTORS WITH PVC-NYLON INSULATION, FILLER AS REQUIRED, PVC JACKET.

### II. ELECTRICAL CHARACTERISTICS:

MAX. OPERATING VOLTAGE:	600 VOLTS RMS
NOM. CONDUCTOR DC RESISTANCE @ 20°C:	5.86 OHMS/1000'
MAX. CONTINUOUS CURRENT PER CONDUCTOR @ 30°C:	3 AMPS

### III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING:	-30C TO 90C DRY, 75C WET
INSULATION MATERIAL:	PVC-NYLON
JACKET MATERIAL:	PVC, SUN RES, DIR BUR
SHIELD TYPE - COVERAGE:	NONE
NOMINAL OVERALL DIAMETER:	0.51"
MINIMUM BEND RADIUS:	5.1"
MAXIMUM PULLING TENSION (CONDUCTORS ONLY):	207 LBS.
ESTIMATED CABLE WEIGHT:	166 LBS/1000 FT
COLOR CODE:	ICEA METHOD 1, Table E2
APPLICABLE SPECIFICATION(S):	NEC TYPE TC-ER (UL1277)
FLAME RATING(S):	UL 1685, CSA FT4, IEEE 1202

OTHER: