



8/14/2015

## TECHNICAL DATA SHEET

Y60718

### I. DESCRIPTION:

TYPE TC-ER: 3 CONDUCTORS - 16(7X) AWG BARE CU CONDUCTORS WITH PVC-NYLON INSULATION PLUS BARE COPPER WITH PVC-NYLON INSULATED GROUND, FILLER AS REQUIRED, PVC JACKET.

### II. ELECTRICAL CHARACTERISTICS:

MAX. OPERATING VOLTAGE:	600 VOLTS RMS
NOM. CONDUCTOR DC RESISTANCE @ 20°C:	4.2 OHMS/1000'
MAX. CONTINUOUS CURRENT PER CONDUCTOR @ 30°C:	8 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:	0.337"
MINIMUM BEND RADIUS:	3.4"
MAXIMUM PULLING TENSION (CONDUCTORS ONLY):	140 LBS.
ESTIMATED CABLE WEIGHT:	69 LBS/1000 FT
COLOR CODE:	BLK, YEL, LBLU WITH DGRN/YEL STRIPE GROUND
APPLICABLE SPECIFICATION(S):	NEC TYPE TC-ER (UL1277)
FLAME RATING(S):	UL 1685 VERTICAL TRAY

OTHER:

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