Technical
Data Sheet

12-02-14 REV. 0

Y62013

I. DESCRIPTION

16 AWG SOLID BARE COPPER, POLYPROPYLENE INSULATION, TWO SINGLES TWISTED WITH BELDFOIL® SHIELD, 24 AWG STRANDED TINNED COPPER DRAIN WIRE, LSZH POLYOLEFIN JACKET.

II. ELECTRICAL CHARACTERISTICS

MAX OPERATING VOLTAGE:	300 V RMS
MAX CONTINUOUS CURRENT PER CONDUCTOR @ 25°C:	6.3 A
NOMINAL CAPACITANCE BETWEEN CONDUCTORS @ 1 KHZ:	65.5 PF/FT
NOMINAL CAPACITANCE CONDUCTOR TO SHIELD @ 1 KHZ:*	118 PF/FT
NOMINAL INDUCTANCE OF PAIR:	.14 µH/FT
NOMINAL CONDUCTOR DCR @ 20°C:	3.9 OHMS/1000’
NOMINAL SHIELD DCR @ 20°C:	16.9 OHMS/1000’

*ONE CONDUCTOR TO OTHER CONDUCTOR AND SHIELD

III. PHYSICAL CHARACTERISTICS

TEMPERATURE RATING:	-20°C TO +75°C
INSULATION MATERIAL:	POLYPROPYLENE
JACKET MATERIAL:	LSZH POLYOLEFIN
NOMINAL JACKET THICKNESS:	.025”
TYPE SHIELD AND % COVERAGE:	ALUM/POLY TAPE, 100%
TWISTED PAIR LAY LENGTH:	2.00” (6.00 TWIST/FT)
MAXIMUM PULLING TENSION:	75 LBS.
MINIMUM BEND RADIUS:	1.9”
NOMINAL WEIGHT/1000’:	29 LBS
APPLICABLE SPECIFICATIONS:	UL TYPE FPLR
COLOR CODE:	BLACK & RED
NOMINAL OVERALL DIAMETER:	.186”
FLAME RESISTANCE:	UL 1666 VERTICAL SHAFT