

## Technical Data Sheet

03-27-12 REV. 0

1019122 LINE 2

I. DESCRIPTION:

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24 AWG (7X32) TINNED COPPER, 24 AWG (7X32) TCDW, 8 PAIRS, CELLULAR POLYOLEFIN INSULATION, OVERALL POLYESTER/ALUM. TAPE AND TINNED COPPER BRAID SHIELD, TPE JACKET.

II. ELECTRICAL CHARACTERISTICS:

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MAX. OPERATING VOLTAGE: 30 VRMS

MAX. CONTINUOUS CURRENT PER

CONDUCTOR @ 25 DEG. C: 1.1 A

NOM. CAPACITANCE BETWEEN

CONDUCTORS OF PAIR @ 1 KHZ: 12.5 PF/FT.

NOM. CAPACITANCE CONDUCTOR TO SHIELD @ 1 KHZ ( ONE CONDUCTOR

TO OTHER CONDUCTORS & SHIELD): 22 PF/FT NOM. IMPEDANCE OF PAIRS: 100 OHMS

NOM. IMPEDANCE OF PAIRS: NOM. CONDUCTOR DC RESISTANCE

@ 20 DEG. C: 24 OHMS/1000 FT.

NOM. VELOCITY OF PROPAGATION: 78%

III. PHYSICAL CHARACTERISTICS:

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OPERATING TEMPERATURE: -30 TO +80 DEG. C
INSULATION MATERIAL: CELLULAR POLYOLEFIN

JACKET MATERIAL: TPE

TYPE SHIELD AND % COVERAGE: POLYESTER/ALUM TAPE &

65% T.C. BRAID, OVERALL

MAX. PULLING TENSION: 93.5 LBS.
MIN. BEND RADIUS: 3.75"

NOM. WEIGHT/1000 FT.: 70 LBS.
NOM. DIAMETER: .370"

IV. COLOR CODE:

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PR # 1	COLOR COMBINATION WHITE-BLUE STRIPE BLUE-WHITE STRIPE	PR # 2	COLOR COMBINATION WHITE-ORANGE STRIPE ORANGE-WHITE STRIPE
3	WHITE-GREEN STRIPE	4	WHITE-BROWN STRIPE
3	GREEN-WHITE STRIPE	•	BROWN-WHITE STRIPE
5	WHITE-GRAY STRIPE	6	RED-BLUE STRIPE
	GRAY-WHITE STRIPE		BLUE-RED STRIPE
7	RED-ORANGE STRIPE	8	RED-GREEN STRIPE
	ORANGE-RED STRIPE		GREEN-RED STRIPE

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