

Technical Data Sheet

128105

I. DESCRIPTION:

24AWG (7X32) TINNED COPPER, 24 AWG (7X32) TCDW, 5 PAIR, CELLULAR POLYOLEFIN INSULATION WITH OVERALL BELDFOIL(R) TAPE/TINNED COPPER BRAID SHIELD, PVC JACKET. OVERALL OVERALL ALUMINUM INTERLOCKED ARMOR WITH PVC JACKET.

II. ELECTRICAL CHARACTERISTICS:

	MAX. OPERATING VOLTAGE:	300 VRMS (TYPE CM)
	MAX. CONTINUOUS CURRENT PER	
	CONDUCTOR @ 25 DEG. C:	1.5 A
	NOM. CAPACITANCE BETWEEN	1.0 11
	CONDUCTORS OF PAIR @ 1 KHZ:	12.5 PF/FT
		12.5 PF/FI
	NOM. CAPACITANCE CONDUCTOR TO	
	SHIELD @ 1 KHZ (ONE CONDUCTOR	
	TO OTHER CONDUCTORS & SHIELD:	
	NOM. IMPEDANCE OF PAIRS:	100 OHMS
	NOM. CONDUCTOR DC RESISTANCE	
	@ 20 DEG. C:	24 OHMS/1000 FT.
	NOM. VELOCITY OF PROPAGATION:	78%
III.	PHYSICAL CHARACTERISTICS:	
	TEMPERATURE RATING:	-30 TO +80 DEG. C
	INSULATION MATERIAL:	CELLULAR POLYOLEFIN
	JACKET MATERIAL:	PVC
	TYPE SHIELD AND % COVERAGE:	POLYESTER/ALUM TAPE &
		65% TC BRAID OVERALL
	MAX. PULLING TENSION	
	AN ALUMINUM INTERLOCKED ARMOR AND	
	APPLIED OVER THE BELDEN 8102 CORE	
	CORE DIAMETER:	.316"
	ARMOR DIAMETER:	.519"
	JACKET DIAMETER:	.609" NOM.
	APPLICABLE SPECIFICIATIONS: FLAME RESISTANCE:	UL CM OR C(UL) CM UL 1581

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IV. COLOR CODE:

PR # COLOR COMBINATION

- 1 WHITE-BLUE STRIPE & BLUE-WHITE STRIPE
- 2 WHITE-ORANGE STRIPE & ORANGE-WHITE STRIPE
- 3 WHITE-GREEN STRIPE & GREEN-WHITE STRIPE
- 4 WHITE-BROWN STRIPE & BROWN-WHITE STRIPE
- 5 WHITE-GRAY STRIPE & GRAY-WHITE STRIPE

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