



Technical  
Data Sheet

01-15-09 REV. 5

YR50662

I. DESCRIPTION:

----- COMPOSITE  
ELEMENT 1 - 26 AWG (19X#38) TINNED COPPER  
CONDUCTOR. PVC INSULATION

ELEMENT 2 - ONE PAIR 26 AWG (19X#38) TINNED COPPER  
CONDUCTORS. PVC INSULATION

ELEMENT 3 - ONE PAIR 22 AWG (19X#34) TINNED COPPER  
CONDUCTOR. PVC INSULATION

OVERALL - ONE ELEMENT 1 IS CABLED WITH EIGHT  
ELEMENT 2'S, FOUR ELEMENT 3'S & POLYPROPYLENE FILLERS,  
OVERALL BELDFOIL(R) SHIELD + A 65% TINNED COPPER BRAID  
SHIELD, OVERALL MATTE PVC (VINYL TPE) JACKET.

II. ELECTRICAL CHARACTERISTICS:

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MAX. OPERATING VOLTAGE:	300 V RMS
NOM. CONDUCTOR DC RESISTANCE	
@ 20 DEG. C : (22 AWG)	17.5 OHMS/1000 FT.
(26 AWG)	42 OHMS/1000 FT.
NOM. IMPEDANCE	
(22 AWG PAIR):	50 OHMS CALCULATED
(26 AWG PAIR):	65 OHMS CALCULATED
NOM. CAPACITANCE FROM	
CONDUCTOR-TO-CONDUCTOR	
(22 AWG PAIR):	36 PF/FT
(26 AWG PAIR):	29 PF/FT
NOM. CAPACITANCE FROM	
CONDUCTOR-TO-SHIELD	
(22 AWG PAIR):	65 PF/FT
(26 AWG PAIR):	51 PF/FT
NOM. INDUCTANCE	
(22 AWG):	.167 MICRO-H/FT
(26 AWG):	.196 MICRO-H/FT

III. PHYSICAL CHARACTERISTICS:

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ELEMENT 1:  
INSULATION MATERIAL & THICKNESS: PVC; .010"MIN AVG

ELEMENT 2:



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INSULATION MATERIAL & THICKNESS: PVC; .010"MIN AVG.

ELEMENT 3:

INSULATION MATERIAL & THICKNESS: PVC; .010"MIN AVG

OVERALL

TEMPERATURE RATING: -30 TO +105 DEG.C  
 SHIELD MATERIAL & COVERAGE: ALUM/MYLAR TAPE; 100%  
 T.C BRAID; 65%  
 JACKET MATERIAL: WHITE PVC  
 \*JACKET DIAMETER: .440" +/- .010"  
 \*MIN. BEND RADIUS: 4.5"  
 MAX. PULLING TENSION: 135 LBS  
 WEIGHT/1000': 105 LBS ESTIMATED  
 \*APPLICABLE SPECIFICATION: UL AWM 2464  
 CSA AWM I/II A/B  
 \*FLAME RESISTANCE: FT2

IV. COLOR CODE:

----- ELEMENT 1 -----	----- ELEMENT 2 -----	----- ELEMENT 3 -----
BLACK	BLACK & RED	RED & GREEN
	BLACK & WHITE	RED & BLUE
	BLACK & GREEN	RED & YELLOW
	BLACK & BLUE	RED & BROWN
	BLACK & YELLOW	
	BLACK & BROWN	
	BLACK & ORANGE	
	RED & WHITE	