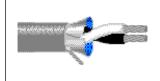


8762 Paired - Single-Pair Cable





Metric Version
For more information please call
+49 202 242550

See Put-ups and Colors

Description:

20~AWG~stranded~(7x28)~TC~conductors,~polyethylene~insulation,~twisted~pair,~overall~Beldfoil &~shield~(100%~coverage),~20~AWG~stranded~TC~drain~wire,~PVC~jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	1	
Total Number of Conductors	2	
AWG	20	
Stranding	7x28	
Conductor Material	TC - Tinned Copper	

INSULATION:

Insulation Material	PE - Polyethylene
Nom. Insulation Wall Thickness	0.406 mm
Lay Length	5.08 cm
Twists/ft.	6

Pair Color Code Chart:

Number	Color
1	Black & Clear

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape w/Shorting Fold
Outer Shield %Coverage	100 %
OUTER SHIELD DRAIN WIRE:	
Outer Shield Drain Wire AWG	20
Outer Shield Drain Wire Stranding	7x28

OUTER JACKET:

Outer Shield Drain Wire Conductor Material

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	0.711 mm

TC - Tinned Copper



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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter 5.182 mm

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +60°C
UL Temperature Rating	60°C (UL AWM Style 2092)
Bulk Cable Weight	31.55 Kg/Km
Max. Recommended Pulling Tension	204.617 N
Min. Bend Radius (Install)	50.8 mm

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CM
CEC/C(UL) Specification	CM
AWM Specification	UL Style 2092 (300 V 60°C)
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004

FLAME TEST:

UL Flame Test UL1685 UL Loading

PLENUM/NON-PLENUM:

Plenum (Y/N)

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	56 Ohms
Nom. Inductance	0.591 μH/m
Nom. Capacitance Conductor to Conductor @ 1 KHz	88.587 pF/m
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	160.769 pF/m
Nom. Conductor DC Resistance @ 20 Deg. C	31.17 Ohms/km
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	3.9 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Ter erginib condition					
Item	Description	Put-Up (M)	Ship Weight (kgs.)	Jacket Color	Notes
8762 060100	2 #20 PE FS PVC	30.48	1.317	CHROME	
8762 0601000	2 #20 PE FS PVC	304.8	10.442	CHROME	С
8762 06010000	2 #20 PE FS PVC	3048	108.96	CHROME	СҮ
8762 0602000	2 #20 PE FS PVC	609.6	20.884	CHROME	С

Detailed Specifications & Technical Data



8762 Paired - Single-Pair Cable

8762 060250	2 #20 PE FS PVC	76.2	2.838	CHROME	
8762 060500	2 #20 PE FS PVC	152.4	5.448	CHROME	С
8762 060U1000	2 #20 PE FS PVC	U304.8	10.442	CHROME	
8762 060U500	2 #20 PE FS PVC	U152.4	5.675	CHROME	

C = CRATE REEL PUT-UP.

Y = FINAL PUT-UP LENGTH MAY VARY -10% TO +20% FROM LENGTH SHOWN. MAY CONTAIN 2 PIECES. MINIMUM LENGTH OF ANY ONE PIECE IS 1500'.

Revision Number: 1 Revision Date: 04-10-2007

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