## **Detailed Specifications & Technical Data**



ENGLISH MEASUREMENT VERSION

## 8728 Multi-Conductor - Special Audio, Communication and Instrumentation Cable



For more Information please call

1-800-Belden1



### **General Description:**

22 AWG stranded (7x30) TC conductors, polypropylene insulation, cabled in pairs, overall Beldfoil® shield (100% coverage), 24 AWG stranded TC drain wires, PVC jacket.

Physical C	haracteristics (Over	all)		· •					
Conductor	haracteristics (Over	all)							
AWG:									
	AWG Stranding Conduct								
2	22 7x30 TC - Tinn	ed Cop	oper .030						
Total Nu	mber of Conductors:		4						
Insulation									
Insulation									
	on MaterialDia. (in.)ypropylene0.050								
Inner Shield									
	Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)					
-			Aluminum Foil-Polyester Tape						
Layer 2		Таре	Polyester Tape	100					
Inner Shiel AWG 24	d Drain Wire AWG:								
Inner Sh	ield Drain Wire Stranding:		St	anded					
Inner Sh	ield Drain Wire Conductor	Materi	ial: T(	- Tinned Copper					
Outer Shiel									
Outer Shie				(01)					
Beldfoil®	hield Trade Name Type O		hield Material Covera m Foil-Polyester Tape 100	ge (%)					
	Id Drain Wire AWG:								
AWG S	tranding Drain Wire Conductor tranded TC - Tinned Copp		Material						
Outer Jacke Outer Jack									
	acket Material Nom. Wall olyvinyl Chloride .028	l Thick	mess (in.)						
Overall Cab	le								
Overall N	Nominal Diameter:		0.	0.215 in.					
Pair									
	Code Chart:								
Number	Black & Red								
2	White & Green								
Mechanica	I Characteristics (Ov	veral	I)						
	g Temperature Range:			)°C To +80°C					
UL Temp	UL Temperature Rating:				80°C (UL AWM Style 2717)				
Bulk Cal	ble Weight:			28 lbs/1000 ft.					
	Max. Recommended Pulling Tension:				36.400 lbs.				
Min. Bend Radius/Minor Axis:				2.250 in.					

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### ENGLISH MEASUREMENT VERSION

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pplicable Specifications and Agency Compliance	e (Overall)
Applicable Standards & Environmental Programs	
NEC/(UL) Specification:	CM
NEC Articles:	800
CEC/C(UL) Specification:	СМ
AWM Specification:	UL Style 2717 (300 V 80°C)
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Flame Test	
UL Flame Test:	UL1685 UL Loading
Plenum/Non-Plenum	
Plenum (Y/N):	No
Nom. Inductance: Inductance (µH/ft) .18 Nom. Capacitance Conductor to Conductor: Capacitance (pF/ft) 35 Nom. Capacitance Cond. to Other Conductor & Shield: Capacitance (pF/ft) 62 Nominal Velocity of Propagation: VP (%) 66 Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft)	
17 Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: Max. Operating Voltage - UL: Voltage	16.600 Ohm/1000 ft
300 V RMS (UL AWM Style 2717)         Max. Recommended Current:         Current         2.3 Amps per conductor @ 25°C	
lotes (Overall)	

Notes: Each pair Beldfoil® shielded with individual drain wire plus a polyester film over each shield.

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8728 060U1000	1,000 FT	30.000 LB	CHROME		2 #22 SHPR PP PVC
8728 060U500	500 FT	15.500 LB	CHROME		2 #22 SHPR PP PVC
8728 0601000	1,000 FT	31.000 LB	CHROME	С	2 #22 SHPR PP PVC
8728 060500	500 FT	15.500 LB	CHROME	С	2 #22 SHPR PP PVC
8728 0605000	5,000 FT	145.000 LB	CHROME	С	2 #22 SHPR PP PVC

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Notes: C = CRATE REEL PUT-UP.

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