

968-001 • GS27500

Cable with Glenair signature lightweight EMI shielding

BRAIDED SHIELDING FOR EMI PROTECTION

- Choose ArmorLite™ for weight savings over standard nickel braid, good corrosion resistance, temperature tolerance, low windowing, and solderability
- Choose ArmorLite™ CF for extreme temperature tolerance, -80°C to +300°C, and corrosion-free performance with weight savings. Soldering may require aggressive flux
- AmberStrand® offers maximum weight savings with good conductivity and corrosion protection

HOW TO ORDER

Sample Part Number	968-001	-	22	TE	2	AR	14
Basic Part Number	968-001						
Shield Coverage and Wire Color Spec	– = 85% coverage, white wire / colored stripes A = 85% coverage, solid colored wire C = 90% coverage, white wire / colored stripes D = 90% coverage, solid colored wire						
Conductor Size	AWG wire gauge, see Table I for available gauges 28–8						
Basic Wire Type	Codes TE, TF, TG, TH, SB, SC, SD, SE, SM, SN, SP, SR, SS, ST, UA, UB, UC, UD see Table I						
Number Of Conductors	1, 2, 3, 4, or 5						
Shield Description	See Table II to specify Glenair signature EMI shielding						
Jacket Type	See Table III to specify jacket type(s)						

Table III: Jacket Type

Single Jacket Code	Double Jacket Code	Jacket Material Description
00	00	No Jacket
05	55	Extruded FEP, Clear
09	59	Extruded FEP, White
10	60	Extruded PVDF, Clear
14	64	Extruded ETFE, White
15	65	Extruded ETFE, Clear
20	70	Extruded PFA, White
21	71	Extruded PFA, Clear
23	73	Extruded XLETFE, White
30	80	Extruded, Duralectric, Black
31	81	Extruded, Polyurethane, Black
32	83	Extruded, Santoprene, Black

Table II: Shield Type

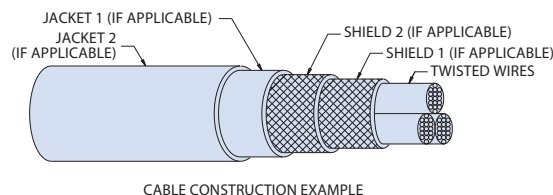
Single Shield Code	Double Shield Code	Shield Description
AR	AL	ArmorLite™, microfilament nickel-clad stainless steel braided shielding
AC	AF	ArmorLite™ CF, corrosion-free, temperature-tolerant stainless steel-over-copper braided shielding
AM	AS	AmberStrand®, composite metal-clad braided shielding
SM	SS	Silver-Plated AmberStrand®, Round
SR	SL	Silver-Plated ArmorLite™, Round
U	U	Unshielded

Table I: Basic Wire Type

Code	Wire Type	AWG (Range)	# of Conductors
TE	M22759/16 or GS22759-16	8 to 24	1,2,3,4,5
TF	M22759/17 or GS22759-17	20 to 26	1,2,3,4,5
TG	M22759/18 or GS22759-18	10 to 26	1,2,3,4,5
TH	M22759/19 or GS22759-19	20 to 26	1,2,3,4,5
SB	M22759/32 or GS22759-32	12 to 30	1,2,3,4,5
SC	M22759/33 or GS22759-33	20 to 30	1,2,3,4,5
SD	M22759/34 or GS22759-34	8 to 24	1,2,3,4,5
SE	M22759/35 or GS22759-35	20 to 26	1,2,3,4,5
SM	M22759/41 or GS22759-41	8 to 26	1,2,3,4,5
SN	M22759/42 or GS22759-42	20 to 26	1,2,3,4,5
SP	M22759/43 or GS22759-43	8 to 26	1,2,3,4,5
SR	M22759/44 or GS22759-44	12 to 28	1,2,3,4,5
SS	M22759/45 or GS22759-45	12 to 28	1,2,3,4,5
ST	M22759/46 or GS22759-46	20 to 28	1,2,3,4,5
UA	M22759/51 or GS22759-51	20 to 30	1,2,3,4,5
UB	M22759/52 or GS22759-52	12 to 30	1,2,3,4,5
UC	M22759/53 or GS22759-53	20 to 30	1,2,3,4,5
UD	M22759/54 or GS22759-54	10 to 30	1,2,3,4,5

NOTES

- Consult factory for cable diameters exceeding 0.375 inches.
- Number of conductors is dependent on maximum cable diameter capabilities. Consult factory for capabilities.



CABLE CONSTRUCTION EXAMPLE