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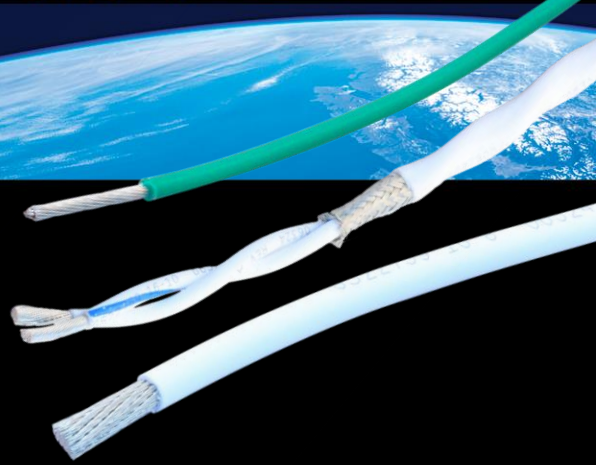


Glenair
SIGNATURE SERIES

MIL-STAR™

HIGH-PERFORMANCE HOOKUP WIRE AND CABLE

High-Availability "Better-than-QPL" GS22759 and GS27500 Wire and Cable





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GS22759 Wire and GS27500 Cable

Part Number Structure

GS22759-16	-24	-9	0	1	2
Basic No.	Wire Size	Jacket Color	First Stripe Color (omit for none)	Second Stripe Color (omit for none)	Third Stripe Color (omit for none)

GS27500	-	-20	SB	3	T	23
Basic No.	Color Code and Shield Coverage	Conductor Size	Base Wire Specification	Number of Conductors	Shield Type	Outer Jacket





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High-Availability AS22759 and Glenair Signature Wire

Stock readily available · Fast lead times · No order minimums · M27500 commercial equivalents and custom solutions available

AS22759 Slash Sheet	Glenair Part No.	Temperature Rating	Conductor	Plating	Conductor Code	Weight	Conductor AWG Range
SAE AS22759/16-19, ETFE							
Extruded, Non-Crosslinked ETFE · 150° · Medium and Light Insulation · TCC / SCA							
M22759/16	→ GS22759-16*	150°C	Copper	Tin	TCC	Medium	24-00
M22759/17	→ GS22759-17	150°C	High-Strength Copper Alloy	Silver	SCA	Medium	26-20
M22759/18	→ GS22759-18	150°C	Copper	Tin	TCC	Light	26-10
M22759/19	→ GS22759-19	150°C	High-Strength Copper Alloy	Silver	SCA	Light	26-20

* GS maximum AWG = 8



Built in accordance with SAE AS22759 Mil-Spec (Qual test report available on Glenair.com)



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AS22759 Slash Sheet	Glenair Part No.	Temperature Rating	Conductor	Plating	Conductor Code	Weight	Conductor AWG Range
SAE AS22759/32-35, XL-ETFE Extruded, Crosslinked ETFE · 150° and 200° · Normal and Light Insulation · TCC / SCA							
M22759/32	GS22759-32	150°C	Copper	Tin	TCC	Light	30-12
M22759/33	GS22759-33	200°C	High-Strength Copper Alloy	Silver	SCA	Light	30-20
M22759/34	GS22759-34*	150°C	Copper	Tin	TCC	Normal	24-00
M22759/35	GS22759-35	200°C	High-Strength Copper Alloy	Silver	SCA	Normal	26-20

* GS maximum AWG = 8



Built in accordance with SAE AS22759 Mil-Spec
(Qual test report available on Glenair.com)



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AS22759 Slash Sheet	Glenair Part No.	Temperature Rating	Conductor	Plating	Conductor Code	Weight	Conductor AWG Range
SAE AS22759/41-46, XL-ETFE Extruded, Crosslinked ETFE · 200° · Normal and Light Insulation · NCC / NCA / SCC * GS maximum AWG = 8							
M22759/41	GS22759-41*	200°C	Copper	Nickel	NCC	Normal	26-00
M22759/42	GS22759-42	200°C	High-Strength Copper Alloy	Nickel	NCA	Normal	26-20
M22759/43	GS22759-43*	200°C	Copper	Silver	SCC	Normal	26-00
M22759/44	GS22759-44	200°C	Copper	Silver	SCC	Light	26-12
M22759/45	GS22759-45	200°C	Copper	Nickel	NCC	Light	28-12
M22759/46	GS22759-46	200°C	High-Strength Copper Alloy	Nickel	NCA	Light	28-20



Built in accordance with SAE AS22759 Mil-Spec
(Qual test report available on Glenair.com)



Glenair Signature Wire and Cable

GS27500: “Better-than-QPL” ANSI/ NEMA WC 27500 type cable

- Laser-markable
- Made and tested IAW ANSI/NEMA WC 27500
- High-availability, short lead times

Table I: Basic Wire Type			
Code	Wire Type	AWG	# of Conductors
TE	GS22759-16	16 TO 24	1,2,3,4,5
TF	GS22759-17	20 TO 26	1,2,3,4,5
TG	GS22759-18	16 TO 24	1,2,3,4,5
TH	GS22759-19	20 TO 26	1,2,3,4,5
SB	GS22759-32	12 TO 30	1,2,3,4,5
SC	GS22759-33	20 TO 30	1,2,3,4,5
SD	GS22759-34	8 TO 24	1,2,3,4,5
SP	GS22759-43	8 TO 26	1,2,3,4,5
SS	GS22759-45	12 TO 28	1,2,3,4,5
ST	GS22759-46	20 TO 28	1,2,3,4,5

Table II: Shield Type	
Code	Shield Description
T	Tinned Copper, Round, Single Shield
V	Tinned Copper, Round, Double Shield
S	Silver Coated Copper, Round, Single Shield
W	Silver Coated Copper, Round, Double Shield
N	Nickel Coated Copper, Round, Single Shield
Y	Nickel Coated Copper, Round, Double Shield
U	Unshield

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

Table IV: Shield Covering And Wire Color Coding	
Code	Description
-	85% Coverage, White Wire With Colored Stripes
C	90% Coverage, White Wire With Colored Stripes



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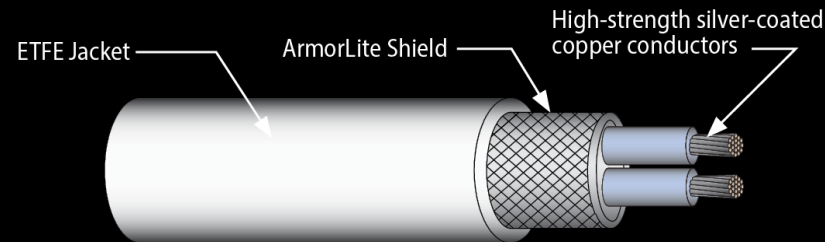
MIL★STAR
HIGH-PERFORMANCE HOOKUP WIRE AND CABLE

Glenair Signature Wire and Cable

968-001: 27500 type with specialty braided shielding

“Better-than-QPL” options

- Laser-markable
- Single-or dual layer braided shielding options:
 - Lightweight ArmorLite microfilament
 - Lightweight, corrosion-free ArmorLite CF
 - Lightest weight composite metal-clad AmberStrand
- High-availability, short lead times



ARMORLITE™ CF

ARMORLITE™

Glenair



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Glenair Signature Wire and Cable

968-003: GS27500 type with Custom color combination

HOW TO ORDER									
Sample Part Number	968-003	-	22	TE	4	T	14	-96	9

- Laser-markable
- Made and tested IAW ANSI/NEMA WC 27500
- Customizable striping and color options
- High-availability, short lead times



Code	Wire Type	AWG	# of Conductors
TE	GS22759-16	16 TO 24	1,2,3,4,5
TF	GS22759-17	20 TO 26	1,2,3,4,5
TG	GS22759-18	16 TO 24	1,2,3,4,5
TH	GS22759-19	20 TO 26	1,2,3,4,5
SB	GS22759-32	12 TO 30	1,2,3,4,5
SC	GS22759-33	20 TO 30	1,2,3,4,5
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SP	GS22759-43	8 TO 26	1,2,3,4,5
SS	GS22759-45	12 TO 28	1,2,3,4,5
ST	GS22759-46	20 TO 28	1,2,3,4,5

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

Code	Shield Description
T	Tinned Copper, Round, Single Shield
V	Tinned Copper, Round, Double Shield
S	Silver Coated Copper, Round, Single Shield
W	Silver Coated Copper, Round, Double Shield
N	Nickel Coated Copper, Round, Single Shield
Y	Nickel Coated Copper, Round, Double Shield
U	Unshield

Code	Description
-	85% Coverage, White Wire With Colored Stripes
C	90% Coverage, White Wire With Colored Stripes



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Glenair Signature Wire and Cable

967-011 TurboFlex M: 22759 QPL conductor core with Duraelectric™ insulation

- Better flexibility and durability than standard jacketing
- Low-smoke, zero-halogen
- “Best of both worlds” option: M22759 core with flexible jacket

Stiff M22759/11 wire

967-011 TurboFlex M

Ultra-flexible 8AWG TurboFlex





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Glenair Signature Wire and Cable

In-house striping

- Quick turn-around GS27500 (M27500 type) cable striping
- Fully customizable striping and laser marking
- High availability and quick turnaround of white wire striped for M27500 type builds



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High-Availability · Fast Lead Times

The Glenair advantage

- Ample stock of raw material and finished goods
- State-of-the-art manufacturing equipment
- In-house expertise
- Vertical integration

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