



Optional Split Ring  
(Glenair Part Number 687-207, Page I-5)

440 H S 088 XO 15 R

Product Series

Connector Designator (A, F, H)  
(See Note 3)

Angular Function  
S = Straight  
T = 45°  
W = 90°

Shielding (Table II) (See Note 2)  
088 = Copper/Nickel Plate Shield  
089 = AmberStrand/Nickel Braid Shield

Material (No Plating):  
XB = Black Material  
XO = Base Material Non-Conductive

Connector Shell Size (Table I, Page D-2)

R = Split Ring (687-207, Page I-5) and Band (600-052) Supplied. (Omit if Not Required)

440-088 and 440-089  
Self-Locking Rotatable Coupling  
Composite RFI/EMI Strain Relief Backshells  
with Integrated EMI/RFI Shield Sock with Optional Split Ring



**TABLE I: CONNECTOR SHELL SIZE ORDER NUMBER**

Connector Shell Size	C Max	D Max	Cable Entry	
			E	F
			±.031 (.8)	Min
08/09	1.388 (35.3)	.98 (24.9)	.265 (6.7)	.22 (5.6)
10/11	1.428 (36.3)	1.05 (26.7)	.310 (7.9)	.27 (6.9)
12/13	1.498 (38.0)	1.20 (30.5)	.390 (9.9)	.35 (8.9)
14/15	1.548 (39.3)	1.30 (33.0)	.506 (12.9)	.47 (11.9)
16/17	1.648 (41.9)	1.44 (36.6)	.591 (15.0)	.55 (14.0)
18/19	1.768 (44.9)	1.56 (39.6)	.661 (16.8)	.62 (15.7)
20/21	1.808 (45.9)	1.69 (42.9)	.744 (18.9)	.70 (17.8)
22/23	1.858 (47.2)	1.77 (45.0)	.826 (21.0)	.78 (19.8)
24/25	1.898 (48.2)	1.89 (48.0)	.896 (22.8)	.85 (21.6)

**TABLE I: CONNECTOR SHELL SIZE ORDER NUMBER (Continued)**

Connector Shell Size	G Max	H Max	J Max	L Max	M Max
08/09	.901 (22.9)	1.128 (28.7)	.91 (23.1)	.939 (23.9)	.264 (6.7)
10/11	.964 (24.5)	1.168 (29.7)	.97 (24.6)	1.059 (26.9)	.390 (9.9)
12/13	1.050 (26.7)	1.248 (31.7)	1.06 (26.9)	1.199 (30.5)	.504 (12.8)
14/15	1.112 (28.2)	1.368 (34.7)	1.16 (29.5)	1.199 (30.5)	.630 (16.0)
16/17	1.175 (29.8)	1.448 (36.8)	1.34 (34.0)	1.329 (33.8)	.756 (19.2)
18/19	1.230 (31.2)	1.528 (38.8)	1.41 (35.8)	1.509 (38.3)	.843 (21.4)
20/21	1.293 (32.8)	1.648 (41.9)	1.53 (38.9)	1.609 (40.9)	.969 (24.6)
22/23	1.365 (34.7)	1.688 (42.9)	1.66 (42.2)	1.759 (44.7)	1.091 (27.7)
24/25	1.417 (36.0)	1.758 (44.7)	1.78 (45.2)	1.859 (47.2)	1.217 (30.9)

**TABLE II: SHIELDING**

Shell Size	440-088 Shield		440-089 Shield		687-207 Dash No.
	N Min Braid Length	Braid No.	N Min Braid Length	Braid No.	
09	12.00 (304.8)	107-030-43	7.00 (177.8)	103-016-008	04
11	12.00 (304.8)	107-030-43	7.00 (177.8)	103-016-016	06
13	12.00 (304.8)	107-030-53	7.00 (177.8)	103-016-016	08
15	12.00 (304.8)	107-030-53	7.00 (177.8)	103-016-016	10
17	12.00 (304.8)	107-030-63	9.00 (228.6)	103-016-024	12
19	12.00 (304.8)	107-030-63	9.00 (228.6)	103-016-024	14
21	12.00 (304.8)	107-030-71	9.00 (228.6)	103-016-024	16
23	12.00 (304.8)	107-030-71	11.00 (279.4)	103-016-032	18
25	12.00 (304.8)	107-030-77	11.00 (279.4)	103-016-032	20

- Metric dimensions (mm) are in parentheses and are for reference only.
- Material/Finish:
  - Clamp Body, Coupling Nut, Saddles - High Grade Engineering Thermoplastic/Unplated
  - Clamp Hardware - Cres/Passivate
  - Anti-Rotation Device - Corrosion Resistant Material
  - 440-088 Shield - Copper Braid/Nickel Plate
  - 440-089 Shield - 75% Nickel Clad AmberStrand Braid, 25% Nickel Copper Braid
  - Interface Ring and Shroud - Brass/Nickel Plated
- Connector Code F mates to MIL-DTL-38999 Series I only; contact factory for Series II.