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GENERAL SPECIFICATIONS (All Options) BROADWALL DIRECTIONAL COUPLERS

Electrical

Std. Coupling Values: 3, 6, 10, 20, 30dB

Nominal Coupling: +/- 0.70 (+/-1.0 for WR42, WR34, WR28)

Freq. Sensitivity: +/- 0.60 (+/-0.75 for WR42, WR34, WR28)

VSWR

Primary Line max: 1.05 (1.10 for WR62, WR51, WR42, WR34, WR28)

Secondary W/G Line max: 1.10 (1.15 for WR42, WR34, WR28)

Secondary Coax Line max: 1.25 (1.4 for WR42, WR34, WR28)

Directivity: 40 dB typical, 30 min

RF Connectors: SMA \ Type-N, standard

Mechanical

Size: See Tables

Body: Aluminum/Copper-Brass

Coax Connectors: Stainless Steel

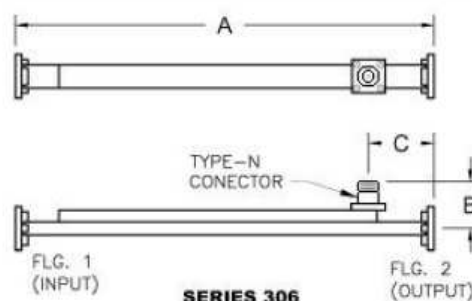
Finish: Unique corrosion resistant 316 stainless steel epoxy coating IAW MIL-F-14072.

Applicable Mil-Specs

General:

Product Specific:

2 WG Ports, 1 Type-N Port - Broadwall Directional Coupler



WG Size	Freq. (GHz)	Standard Model No.*	Dim. A inches	Dim. B inches	Dim. C inches
WR112	7.05 - 10.0	112-306B-dB-6-6	18.62	1.73	1.75
WR75	10.0 - 15.0	75-306B-dB-6-6	15.00	1.52	1.50