



Commercial Equivalent Couplers

MIL-C-15370/9

202X Series

Military Dash Number	M/A-COM Part Number	Frequency Range (GHz)	Coupling (dB) (Mid.-Frequency)	Coupling Variation (dB Max.)	Effective Directivity (dB Min.)	Insertion Loss (dB Max.)	VSWR (Max.) Primary Line Secondary Line	
-001	2020-4015-06	1.0-2.0	6.0 ^{+0.5}	1.2	25	.20	1.15:1	1.15:1
-002	2020-4015-10	1.0-2.0	10.0 ^{+0.5}	1.5	25	.20	1.10:1	1.10:1
-003	2020-4015-20	1.0-2.0	20.0 ^{+0.5}	1.5	25	.20	1.10:1	1.10:1
-004	2020-4015-30	1.0-2.0	30.0 ^{+0.5}	1.5	25	.20	1.10:1	1.10:1
-005	2020-4016-06	2.0-4.0	6.0 ^{+0.5}	1.2	22	.20	1.15:1	1.15:1
-006	2020-4016-10	2.0-4.0	10.0 ^{+0.5}	1.5	22	.20	1.15:1	1.15:1
-007	2020-4016-20	2.0-4.0	20.0 ^{+0.5}	1.5	22	.20	1.15:1	1.15:1
-008	2020-4016-30	2.0-4.0	30.0 ^{+1.0}	1.5	22	.20	1.15:1	1.15:1
-009	2020-4017-06	4.0-8.0	6.0 ^{+0.5}	1.2	20	.25	1.25:1	1.25:1
-010	2020-4017-10	4.0-8.0	10.0 ^{+0.5}	1.5	20	.25	1.20:1	1.20:1
-011	2020-4017-20	4.0-8.0	20.0 ^{+0.5}	1.5	20	.25	1.20:1	1.20:1
-012	2020-4018-06	7.0-12.4	6.0 ^{+0.5}	1.0	17	.40	1.30:1	1.30:1
-013	2020-4018-10	7.0-12.4	10.0 ^{+0.75}	1.0	17	.40	1.30:1	1.30:1
-014	2020-4018-20	7.0-12.4	20.0 ^{+0.5}	1.0	17	.40	1.30:1	1.30:1
-015	2020-4114-06	12.4-18.0	6.0 ^{+0.5}	1.0	12	.50	1.35:1	1.45:1
-016	2020-4114-10	12.4-18.0	10.0 ^{+0.5}	1.0	12	.50	1.30:1	1.45:1
-017	2020-4114-20	12.4-18.0	20.0 ^{+0.5}	1.0	12	.50	1.30:1	1.45:1
-018	2020-4018-30	7.0-12.4	30.0 ^{+1.0}	1.0	17	.40	1.30:1	1.30:1
-019	2024-4044-10	11.0-17.0	10.0 ^{+0.5}	1.0	15	.30	1.30:1	1.30:1
-020	2024-4044-20	11.0-17.0	20.0 ^{+0.5}	1.0	20	.50	1.30:1	1.30:1
-021	2024-4044-30	11.0-17.0	30.0 ^{+0.5}	1.0	20	.50	1.30:1	1.30:1
-022	2020-4115-06	7.5-16.0	6.0 ^{+1.10}	0.6	12	.60	1.35:1	1.40:1
-023	2020-4115-10	7.5-16.0	10.0 ^{+1.50}	0.75	12	.60	1.35:1	1.40:1
-024	2020-4115-20	7.5-16.0	20.0 ^{+1.25}	0.75	12	.50	1.35:1	1.40:1
-025	2020-4115-30	7.5-16.0	30.0 ^{+1.25}	0.75	12	.50	1.35:1	1.40:1
-026	2026-4015-16	1.0-18.0	16.0* ^{+1.00}	1.50	15, 1.0-12.4 GHz 12, 12.4-18.0 GHz		.80	1.40:1 1.50:1

Notes:

Para. 34.6 MIL-C-22750 Epoxy paint will be used.

Para. 3.11 Units will be humidity sealed.

* Referenced to output port for use as leveling coupler.

Specifications Subject to Change Without Notice.

M/A-COM Inc. ■ 1011 Pawtucket Boulevard, Lowell, MA 01853 USA

■ Telephone: 800-366-2266