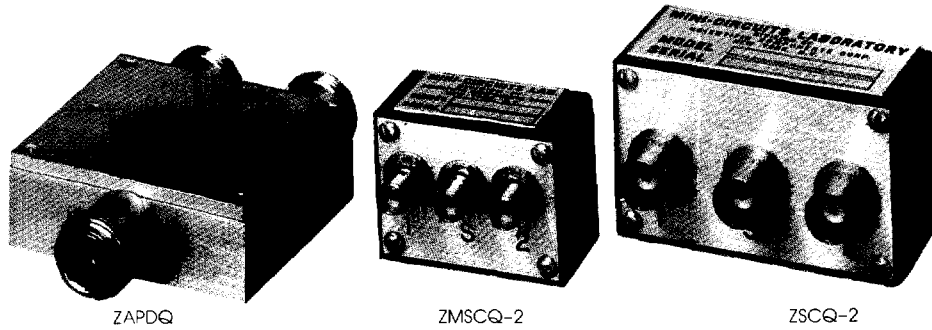


50 ohms

Mini-Circuits



ZAPDQ

ZMSCQ-2

ZSCQ-2

MODEL NO.	FREQ. RANGE MHz	ISOLATION dB		INSERTION LOSS, dB Avg. of Coupled Outputs less 3dB		PHASE UNBALANCE Degrees	AMPLITUDE UNBALANCE dB	CAPD DATA <small>(see RF/IF Designer handbook)</small>	CASE STYLE	CONNECTION	PRICE \$
	f ₁ -f ₂	Typ.	Min.	Typ.	Max.	Max.	Max.	Page	Note B		Qty. (1-9)
● SCPQ-10.5	9-11	31	20	0.15	0.7	3	1.2	—	YY101	aw	13.95
● SCPQ-21.4	20-23	32	25	0.15	0.5	2.5	1	2-98	YY101	aw	13.95
● SCPQ-50	25-50	25	20	0.15	0.7	3	1.5	—	YY101	aw	14.95
● SCPQ-60	30-60	30	20	0.15	0.7	3	1.5	—	YY101	aw	14.95
● SCPQ-85C	55-85	30	20	0.3	0.6	3	0.6	—	YY101	gy	14.95
● SCPQ-90	55-90	26	20	0.2	0.7	3	1.2	2-98	YY101	aw	13.95
● SCPQ-150	95-150	22	18	0.3	0.7	3	1.2	—	YY101	aw	14.95
● SCPQ-180	120-180	20	16	0.3	0.7	3	1.2	2-98	YY161	aw	13.95
● SCPQ-400	250-400	20	16	0.3	0.7	3	1.2	2-99	YY161	aw	14.95
● LRPQ-70*	65-75	30	20	0.1	0.5	3	1	2-119	QQQ130	ay	9.95
● LRPQ-700*	500-700	23	18	0.2	0.6	3	1.5	2-119	QQQ130	ay	9.95
● LRPQ-980*	820-980	28	20	0.15	0.5	4	1	2-120	QQQ130	ay	13.95
● RPQ-820	760-860	22	15	0.15	0.7	4	1	—	TT100	gp	13.95
● RPQ-1495	1400-1600	18	14	0.3	0.8	5	1	—	TT100	gp	15.95
● SYPQ-21.4	20-23	33	25	0.1	0.4	3	1.1	2-98	AH202	av	13.95
● SYPQ-70	65-75	31	24	0.1	0.4	3	1.1	2-119	AH202	av	13.95
● SYPQ-113-1	108-118	25	20	0.15	0.4	3	1.0	—	AH202	av	13.95
ZAPDQ-2	1000-2000	22	16	0.4	1.4	6.0	0.8	2-42	F14	ar	79.95
ZAPDQ-4	2000-4200	22	16	0.4	0.9	8.0	1.0	2-42	F14	ar	79.95
ZMSCQ-2-21.4	20-23	30	25	0.4	0.7	3.0	1.2	2-39	M21	at	61.95
ZMSCQ-2-50	25-50	30	20	0.3	0.7	3.0	1.5	2-39	M21	at	61.95
ZMSCQ-2-90	55-90	30	20	0.3	0.7	3.0	1.2	2-40	M21	at	61.95
ZMSCQ-2-120	80-120	25	18	0.3	0.7	3.0	1.5	2-99	M21	at	61.95
ZMSCQ-2-180	120-180	23	15	0.3	0.7	4.0	1.2	2-40	M21	at	61.95
ZSCQ-2-50	25-50	30	20	0.3	0.7	3.0	1.5	2-39	M22	at	54.95
ZSCQ-2-90	55-90	30	20	0.3	0.7	3.0	1.2	2-39	M22	at	54.95
ZSCQ-2-180	120-180	23	15	0.3	0.7	4.0	1.2	2-40	M22	at	54.95

pin connections

PORT	ar	af	av	aw	ax	ay	gp	gx	gy
SUM PORT	3	2	1	1	1	6	4	1	1
PORT 1	1	1	5	2	2	4	1	2	2 (0°)
PORT 2	2	3	8	5	8	1	3	5	6 (90°)
GND EXT.			2,3,6,7	3,4,7,8	3,4,5,6	2,5	2,5	3,4,7,8	3,4,7,8
CASE GND			—	—	3,5,6	—	—	3,4,7,8	—
50 OHM TERM.			4	6	7	3	6	—	5
NOT USED			—	—	—	—	—	6	—

NSN GUIDE MCL NO.

MCL NO.	NSN
PSCQ-2-180	6625-01-186-4456
PSCQ-2-90	6625-01-160-0151
PSCQ-2-70	5985-01-292-8834
PSCQ-2-50	5895-01-374-0023
PSCQ-2-550	5895-01-347-0206



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