OPTICAL COUPLER ABS

Model: NCM-OC-ABS

Features

- FTTx and HFC Applications
- Splitters with up to 32 output ports can be supplied.
- Low Insertion loss
- High variety of Split Ratios available
- 1310-1550 Double Window Optical Spectrum
- Single Mode Fiber
- High Quality Optical Connectors



Optical Coupler ABS

Unless otherwise noted, the above specifications reflect typical device performance at stated reference levels in the recommended operating configuration(s). Specifications are subject to change without notice.

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8125 NW 64th ST. Miami, Florida 33166
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ncm@ncmsupplies.com | www.ncmsupplies.com

OPTICAL COUPLER ABS

Model: NCM-OC-ABS

Specifications

Item	Value				
	Split Ratio Signal Percentage %	Max Insertion Loss (dB)		Max Uniformity	P/N
		Tap	Thru		
1x2 Optical Coupler	50/50	3.7	3.70	0.7	10212011214
	45/55	4.20	3.30		10212011225
	40/60	4.70	2.90		10212011213
	35/65	5.30	2.60		10212011226
	30/70	5.9	2.2		10212011212
	25/75	6.7	1.9		10212011227
	20/80	7.7	1.7		10212011211
	15/85	8.9	1.4		10212011228
	10/90	10.7	1.2		10212011210
	05/95	13.7	0.9		10212011229
1x3 Optical Coupler	33/33/33	6.3/6.3/6.3		1.5	10212011315
	30/35/35	6.7/6.1/6.1			10212011338
	30/30/40	6.7/6.7/5.5			10212011316
	25/25/50	7.5/7.5/4.5			10212011317
	20/40/40	8.5/5.5/5.5			10212011337
	20/20/60	8.5/8.5/3.7			10212011318
1x4 Optical Coupler	25/25/25/25	7.5/7.5/7.5/7.5			10212011419
	10/10/20/60	11.5/11.5/8.5/3.7			10212011420
	10/20/30/40	11.5/8.5/6.7/55			10212011421
	20/20/30/30	8.5/8.5/6.7/6.7			10212011422

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Model: NCM-OC-ABS

Specifications

Item	Value				
	Split Ratio Signal Percentage %	Max Insertion Loss (dB)		Max Uniformity	P/N
		Tap	Thru		
1x8 Optical Coupler	EVEN	11		2	10212011824
1x12 Optical Coupler	EVEN	12.8			10212012239
1x16 Optical Coupler	EVEN	14			10212012640
1x32 Optical Coupler	EVEN	17.1			10212013241

Technical Data

Parameter	Unit	Value
Return Loss	dB	≥ 55
Uniformity of I. L	dB	≤1.5
PDL	dB	≤0.20
Directivity	dB	≥ 55
Operating Temperature/Humidity	°C	-40 to +85 / 90%
Storage Temperature/Humidity	°C	-40 to +85 / 90%
Maximum Input Power	mW	500

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