

Plenum and Low PIM Cable Assemblies



The Tragedy the Myth the Reality



The Tragedy



Plenum Cables

The Myth and The Reality

Plenum vs. Plenum Rated vs. Listed Plenum Rated



UL and ETL/Intertek are recognized testing labs by NFPA

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DUZX.E170516
Communications Cable

[Page Bottom](#)

Communications Cable

[See General Information for Communications Cable](#)

TIMES MICROWAVE SYSTEMS INC E170516
358 Hall Ave
Po Box 5039
Wallingford, CT 06492-7539 USA

Type(s) CM, CMG, CMP, CMR, CMUC, CMX, CMX Outdoor, CMX Outdoor-CM, CMX Outdoor-CMP

[Last Updated](#) on 2014-02-04

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Low PIM Cables

The Myth



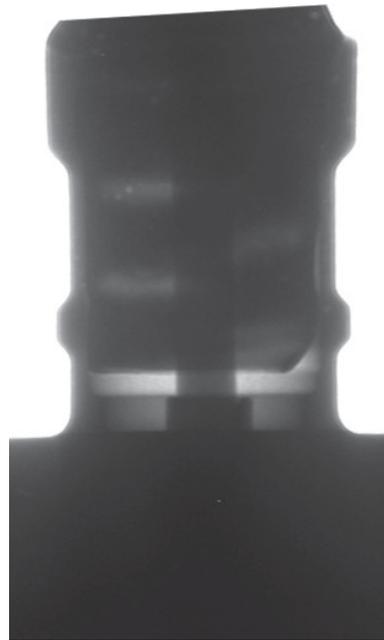
Low PIM Cables

The Myth



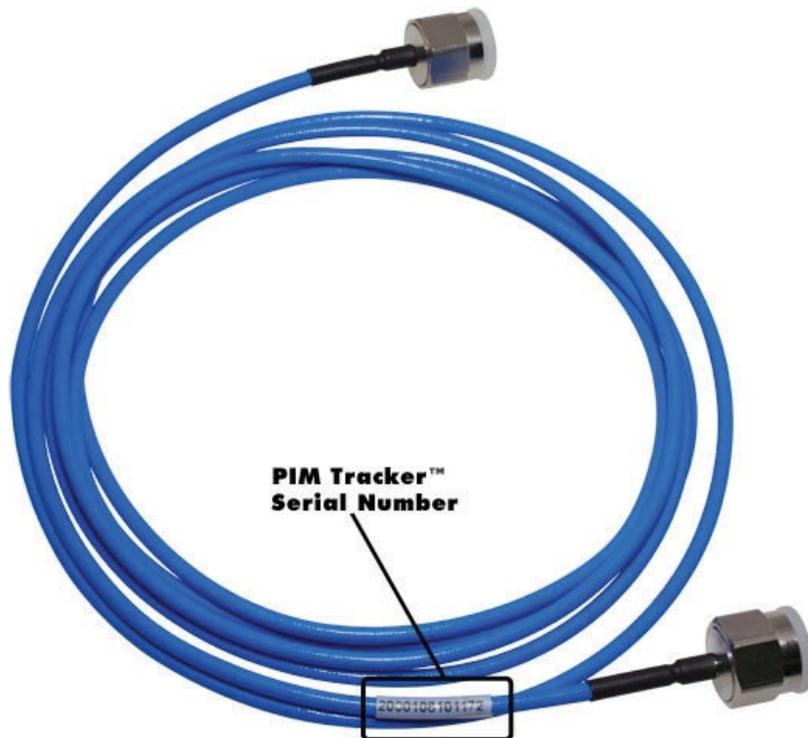
Low PIM Cables

The Reality



Low PIM Cables

The Reality



Date: 9/27/2017

Time: 3:53 PM

PIM Test Results

Description
Cable assembly manufactured and tested by RF Industries
www.rfindustries.com

Model Number
P2RFC-2068-78

Serial Number
122692

Operator
JD

Production Test
160 limit.ini

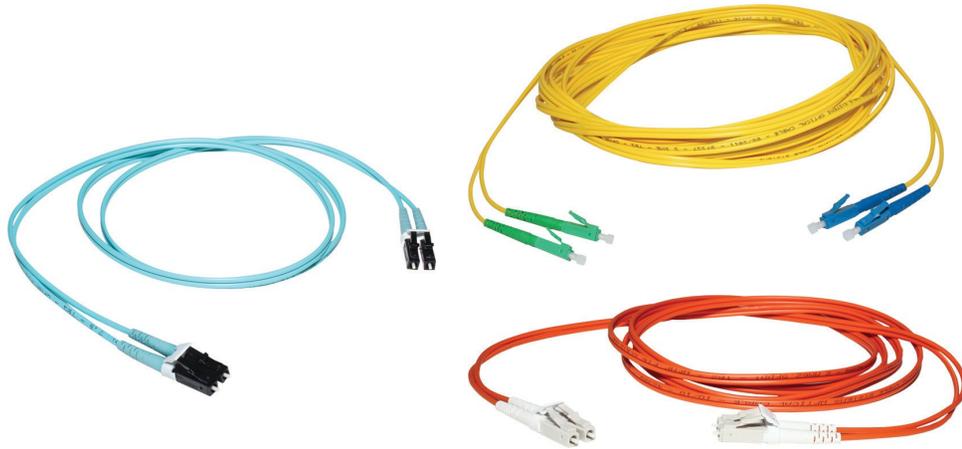
PIM Test Details

STIMULUS SETTINGS						ALC On
Frequency, MHz	CARRIER 1		Frequency, MHz	CARRIER 2		
	Requested Power, dBm	Offset, dB		Requested Power, dBm	Offset, dB	
1930.0	43.00	0.0	1990.0	43.00	0.0	
Measured Power	43.0 dBm		Measured Power	42.9 dBm		

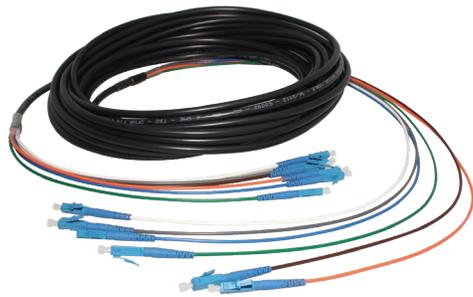
PORT 1 REVERSE PIM RESPONSE				Averaging Normal
PIM Order	PIM Frequency, MHz	PIM Limit, dBc	PIM Level, dBc	
3rd	1870.00	-160.00	-174.55	
PASS				

Kaelus Virtual Front Panel (v11.8.1.2): SF-1900-FE
Page 1 of 1
Rev. 11.8.1.2

DAS Cables Plenum Rated and Low PIM

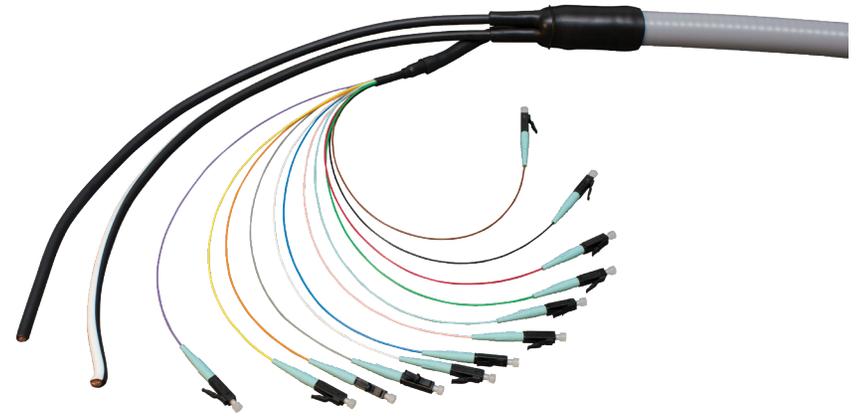


Fiber Optic Cables

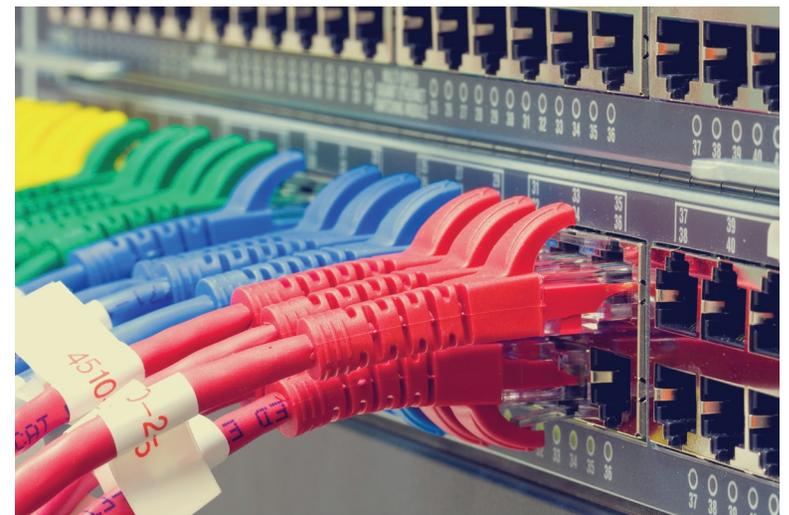


Category Cables

The Myth and The Reality



Hybrid Cables



Other Passive DAS Components Plenum Rated and Low PIM

The Myth and The Reality



Antennas



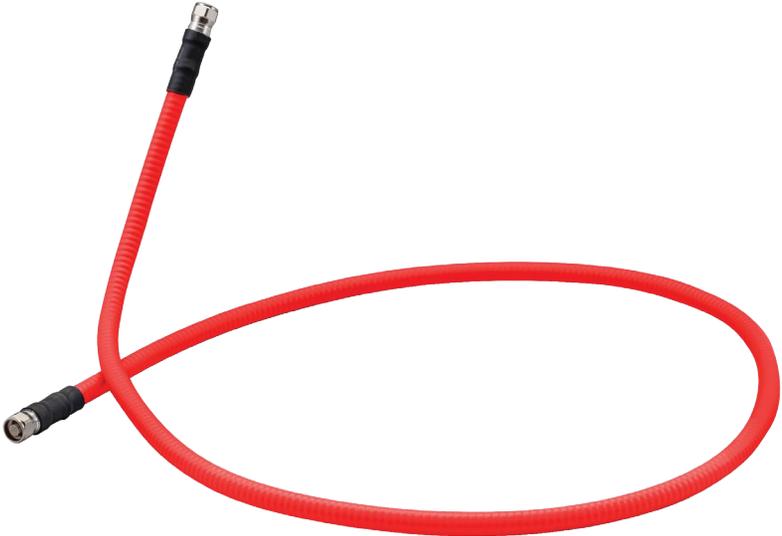
Splitters, Couplers, Loads

Adapters



Two Hour Fire Rated Coaxial Cable

The Myth and The Reality



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