

Engineered Products:

FlexTech™ Commercial Cable Assemblies



Performance:

The use of higher frequencies for telecommunications applications has placed increasingly rigorous demands on cable assembly performance. Our 50 year plus background in military microwave assemblies has provided us the expertise to address these performance requirements, while our commercial expertise allows us to provide economical solutions.

Testing:

- VSWR or Return Loss
- Insertion Loss
- Time Delay
- Absolute or Relative Phase Matching
- Phase Trimming

Value Added

- Variety of Strain Relief Boots
- Multitude of Labeling Possibilities
- Bar Coding
- Customized Packaging

Connector Specifications: *FlexTech™* cable assemblies can be furnished with virtually any connector interface.

Cable Specifications: *FlexTech™* jumper assemblies are furnished standard with LMR-DB cable unless otherwise requested. Cable performance characteristics are listed in the section for each individual cable size. The following table summarizes the characteristics of general interest.

Cable Type	LMR-400	LMR-600	LMR-900
Diameter	.405"	.590"	.870"
Impedance	50 Ohms		
Bend Radius	1"	1-1/2"	3"
Weight(lbs/ft)	.068	.131	.266
Temperature	-40°C to +85°C		

Assembly Part Numbers Definition		
Cable Type	Cable Length	Connectors 1&2
LMR-400-DB/3ft/Nm/Nm <small>Connector 1 Connector 2</small>		
LMR-xxx	ft	See available connectors for the particular cable
LMR-xxx-FR	in	
LMR-xxx-LLPL	m	
LMR-xxx-UF	cm	
LMR-xxx-W		
LMR-xxx-DB		



Specialized WLAN Assemblies

Competitively Priced

The cable assembly list below has been developed to provide a quick cross reference to a Times Microwave Systems part number for some of the more common configurations being used for WLAN applications. Any of these assemblies ordered by the TMS part number in the right hand column will be 100% tested for IL and VSWR in the relevant brand.

Equipment OEM	OEM part # or model	Cable	Length	Connector 1	Connector 2	TMS part #
Agere		LMR-400-DB	50'	Nm	Nm	AE14563
Agere		LMR-400-DB	75'	Nm	Nm	AE14564
Alvarion/Breezecom		LMR-195-DB	3'	Nt	Sm RA cust.	AE14565
Alvarion/Breezecom		LMR-195-DB	20'	Nt	SM RA cust.	AE14566
Alvarion/Breezecom		LMR-195-DB	50'	Nt	Sm. RA cust.	AE14567
Alvarion/Breezecom		LMR-195-DB	75'	Nt	Sm. RA cust.	AE14568
Alvarion/Breezecom		LMR-195-DB	100'	Nt	Sm. RA cust.	AE14569
Alvarion/Breezecom		LMR-195-DB	3'	Nm	Sm. RA cust.	AE14570
Alvarion/Breezecom		LMR-195-DB	20'	Nm	Sm. RA cust.	AE14571
Alvarion/Breezecom		LMR-195-DB	50'	Nm	Sm. RA cust.	AE14572
Alvarion/Breezecom		LMR-195-DB	75'	Nm	Sm. RA cust.	AE14573
Alvarion/Breezecom		LMR-195-DB	100'	Nm	Sm. RA cust.	AE14574
Cisco/Aironet		LMR-200-DB	5'	TNCm RP	TNCf RP	AE14575
Cisco/Aironet		LMR-200-DB	10'	TNCm RP	TNCf RP	AE14576
Cisco/Aironet	72-2760-02	LMR-400-DB	20'	TNCm RP	TNCf RP	AE14577
Cisco/Aironet	72-2760-02	LMR-400-DB	50'	TNCm RP	TNCf RP	AE14578
Cisco/Aironet		LMR-600-DB	20'	TNCm RP	TNCf RP	AE14579
Cisco/Aironet		LMR-600-DB	50'	TNCm RP	TNCf RP	AE14580
Cisco/Aironet	72-2766-02	LMR-600-DB	100'	TNCm RP	TNCf RP	AE14581
Cisco/Aironet	72-2787-02	LMR-600-DB	150'	TNCm RP	TNCf RP	AE14582
Enterasy/Cabletron	CSIES-AB-C20	LMR-200-DB	20'	Nm	Nm	AE14583
Enterasy/Cabletron	CSIES-AA-C20	LMR-200-DB	20'	Nm RP	Nm RP	AE14584
Enterasy/Cabletron	CSIES-AB-C50	LMR-400-DB	50'	Nm	Nm	AE14563
Enterasy/Cabletron	CSIES-AA-C50	LMR-400-DB	50'	Nm RP	Nm RP	AE14585
Enterasy/Cabletron	CSIES-AB-C50	LMR-400-DB	75'	Nm	Nm	AE14564
Enterasy/Cabletron	CSIES-AA-C50	LMR-400-DB	75'	Nm RP	Nm RP	AE14586
Orinoco		LMR-100	2'	WaveLANm RA	Nt	AE14587
Orinoco		LMR-100	2'	WaveLANm RA	Nm	AE14588
Proxim		LMR-195-DB	3'	Sm RP	Nf	AE14589
Proxim		LMR-195-DB	3'	Sm RP	Nm	AE14590
Proxim		LMR-100	2'	mmcx RA m	Nf	AE14591
Symbol		LMR-195-DB	3'	BNCm RA	Nf	AE14592
Symbol		LMR-195-DB	3'	BNCm RA	Nm	AE14593