



# FC Connector Datasheet

## Key Features:

Complies with IEC 61754-13 and TIA 604-4-B, FOCIS-4 for intermateability

Low Insertion Loss and high Return Loss capability

Precision anti rotation key for mechanical stability / repeatability

Nickel plated metal body corrosion resistant

Zirconia ceramic ferrule available in several

RoHS materials, REACH SvHC compliant

Individual parts packed in bulk package

## Application:

Telecommunication networks

Local area networks

Data processing networks

Distribution application

Premises distribution

Test and laboratory equipment

## Specification:

MECHANICAL PROPERTIES	CRITERIA	EFFECT	CONFORMANCE
Mating	500 matings	<0.2db change	IEC 61300-2-2
Durability			
Vibration	10-55Hz, 0.75 amplitude	<0.2db change	IEC 61300-2-1
Drop	Drop height 1m, 5 drops	<0.2db change	IEC 61300-2-12
Cable Retention	Magnitude 90N	<0.2db change	IEC 61300-2-4
Cable Torsion	1.5kg - 2.5kg for 2mm-3mm cable diameter	<0.2db change	IEC 61300-2-5
Operating Temperature	-25 to +70, 12 cycles	<0.2db change	IEC 61300-2-22
Cold	-25 for 96 hrs	<0.2db change	IEC 61300-2-17
Dry Heat	+70 for 96 hrs	<0.2db change	IEC 61300-2-18



The FC connector features a 2.5 mm ferrule and a threaded metal coupling nut, for a secure connection in high vibration environments and in laboratory testing for consistent results.

A range of FC connectors are manufactured, including Low Loss and High Performance Grades which are suitable for various applications. The FC Connectors are available for singlemode UPC with blue boots, APC with green boots and multimode PC with black boots suitable for 900µm, 2mm or 3mm cable diameters.

Mikrolink can supply all standard configuration connectors, as well as custom configurations, boots, labelling and OEM branding to customer specifications.

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