

## Easy-install IEC and F-type connectors

Straight and angled variants for coax cable installations

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- Supports DOCSIS® 4.0 and next-generation broadband
  - Quick-twist mounting cap
  - Superior A++ screening for effective LTE and wireless ingress protection
  - Precision connectors minimize signal loss
  - Durable for thousands of installation cycles
  - Made with recyclable, eco-friendly materials
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### Overview

Technetix' IEC and F connectors deliver exceptional shielding performance, exceeding Class A++ standards for optimal 4G (LTE) interference protection. Optimized for ECA jacket triple shielded coax cable.

The innovative compact design fits seamlessly behind ultra-slim smart TVs, making it ideal for modern, space-constrained setups. A patented design with built-in strain relief enhances durability and reliability, ensuring long-term performance under everyday use.

With only two parts, the connector is designed for the easiest push-on installation, saving time and effort. The skin-friendly plastic cap adds a touch of ergonomic comfort, ensuring user-friendly handling. Choose these IEC and F connectors for a perfect balance of performance, convenience, and durability.

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KOK 5 IEC-female straight



KOS 5 IEC-male straight



KOKWI 5 IEC-female angled



KOSWI 5 IEC-male angled



QFC 5 F-male straight



QFA 5 F-male angled

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## Mechanical/Environmental specifications

Parameter	QFC F connector straight	QFA F connector angled	Units	Notes
Color	Metallic	Metallic		
Material housing	Brass alloy	Brass alloy		
Plating	White bronze	White bronze		
RF port	Push-on F	Push-on F		
Color cap	White/blue	White/blue		
Tensile strength	>100	>100	N	
Operating temperature	-25°C to +55°C (-13°F to +131°F)	-25°C to +55°C (-13°F to +131°F)	°C/°F	
Supported cable dimensions	Diameter dielectric & foil 4.7 to 5.1 mm	Diameter dielectric & foil 4.7 to 5.1 mm	mm	
	Diameter center conductor 0.9 to 1.2 mm	Diameter center conductor 0.9 to 1.2 mm	mm	
	Diameter sheath 6.7 to 7.1 mm	Diameter sheath 6.7 to 7.1 mm	mm	
Weight	0.3 lb (0.13 kg)	0.34 lb (0.15 kg)	lb/kg	

Parameter	KOK and KOS IEC connector straight (male/female)	KOKWI and KOSWI IEC connector angled (male/female)	Units	Notes
Color	Metallic	Metallic		
Material housing	Brass alloy	Brass alloy		
Plating	White bronze	White bronze		
Type of fixation on cable	Push-on	Push-on angled		
Inner conductor material	Brass alloy	Brass alloy		
Inner conductor plating	White bronze	White bronze		
Supported cable dimensions	Diameter sheath 6.7 to 7.1 mm	Diameter sheath 6.7 to 7.1 mm	mm	
Fold braiding back	Yes	Yes		
Conductor length	6 mm	6 mm	mm	
Weight	0.3 lb (0.13 kg)	0.34 lb (0.15 kg)	lb/kg	

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Electrical specifications

Parameter	MHz	QFC F connector straight	QFA F connector angled	Units	Notes
Frequency range	5-3000 MHz			MHz	
Impedance		75	75	Ω	
Shielding effectiveness	30-1006 MHz	>105	>105	dB	
	1006-2000 MHz	>95	>95	dB	
	2000-3000 MHz	>85	>85	dB	
Return loss (IEC 60728-3)	0-3000 MHz	>30	>30	dB	
	@40 MHz	1.5 dB/octave	1.5 dB/octave	dB	

Parameter	MHz	KOK and KOS IEC connector straight (male/female)	KOKWI and KOSWI IEC connector angled (male/female)	Units	Notes
		Push-on connectors, with strain relief			
Frequency range	5-3000 MHz			MHz	
Impedance		75	75	Ω	
Shielding effectiveness	30-1006 MHz	>105	>105	dB	
	1006-2000 MHz	>95	>95	dB	
	2000-3000 MHz	>85	>85	dB	
Return loss (IEC 60728-3)	0-1000 MHz	>20	>20	dB	
Transfer impedance	5-30 MHz	0.9	2.5	mΩ/m	

Order information

Item code	Model code	Description
19015739	QFC 5/5 SHOP	QFC 5 F-CON STRAIGHT 5 PIECES IN SHOP PACKAGING
19015740	QFA 5/5 SHOP	QFA 5 F-CON ANGLED 5 PIECES IN SHOP PACKAGING
19015741	KOK 5 / KOS 5 SHOP	KOK 5 IEC FEMALE STRAIGHT + KOS 5 IEC MALE STRAIGHT SHOP PACKAGING
19015742	KOKWI 5-KOSWI 5 SHOP	KOKWI 5 IEC FEMALE ANGLED + KOSWI 5 IEC MALE ANGLED SHOP PACKAGING
19015743	KOK 5/50	KOK 5 IEC FEMALE STRAIGHT IN WHITE BOX OF 50 PIECES
19015744	KOS 5 /50	KOS 5 IEC MALE STRAIGHT IN WHITE BOX OF 50 PIECES
19015745	KOKWI 5/50	KOKWI 5 IEC FEMALE ANGLED IN WHITE BOX OF 50 PIECES
19015746	KOSWI 5/50	KOSWI 5 IEC MALE ANGLED IN WHITE BOX OF 50 PIECES
19015762	KOSWI 3S/50	KOSWI 3S IEC MALE ANGLED 4.5 MM CABLE IN BOX OF 50 PIECES
19015763	KOKWI 3S/50	KOKWI 3S IEC FEMALE ANGLED 4.5 MM CABLE IN BOX OF 50 PIECES
19015747	QFC 5/50	QFC 5 F-CON STRAIGHT IN BOX OF 50 PIECES
19015748	QFA 5/50	QFA 5 F-CON ANGLED IN BOX OF 50 PIECES