

Technetix-Pro Right Angle Connectors

- **Technetix-Pro Right Angle Connectors are available in three styles:**
- **IEC-male**
- **IEC-female**
- **Push-on F-male**
- **Shielding in excess of Class A**
- **Fast reliable coax cable termination**
- **Long service life**



Overview

Technetix-Pro Right Angle connectors are a quick easy alternative to traditional coax cable connector terminations that provide reliable termination that last, ensuring reliability that minimises the need for unwarranted truck rolls to connector issues.

Technetix-Pro Right Angle connectors have assured shielding across the required frequency range that exceeds Class A requirements.

Technetix-Pro Right Angle connectors are robust, being made of Zamak plated with zinc that is then subjected to a dichromate and reactive sealing process.



Technetix-Pro Right Angle Connectors

Specifications

Standards

Standard	Title	Part	Section
EN 60966-2-4:2009 IEC 60966-2-4:2009	Radio frequency and coaxial cable assemblies	Part 2-4: Detail specification for cable assemblies for radio and TV receivers: Frequency range 0 MHz to 3000 MHz, IEC 611	

Technical data

Port	Tip	Range	Direction	Connector	Comments
1	Chassis			Enclosure	
2	Radio frequency	5 MHz - 1218 MHz	Bidirectional	Flanges	
3	Radio frequency	5 MHz - 1218 MHz	Bidirectional	CEI	

Shielding

Band	Frequency (MHz)	Level (dB)	Class A Limit	Class B Limit
-	30.10	101.88	85.00	75.00
TV Band I (Channels 2 - 4)	50.10	105.99	85.00	75.00
FM Radio Band II	100.00	104.54	85.00	75.00
TV Band III (Channels 5 - 12)	200.00	96.03	85.00	75.00
High S Band	300.00	95.76	85.00	75.00
Hyperband	400.01	94.13	80.00	70.00
TV Band IV (Channels 21 - 69)	470.00	93.94	80.00	70.00
TV Band IV (Channels 21 - 69)	500.01	97.91	75.00	65.00
TV Band IV (Channels 21 - 69)	600.01	96.13	75.00	65.00
TV Band V (Channels 37 - 69)	700.00	92.14	75.00	65.00
TV Band V (Channels 37 - 69)	800.00	90.80	75.00	65.00
-	900.00	88.71	75.00	65.00
-	950.00	87.21	55.00	50.00
-	1000.00	87.40	55.00	50.00
-	1100.00	87.99	55.00	50.00
-	1200.00	86.11	55.00	50.00
-	1300.00	85.77	55.00	50.00

Data

Frequency range	Insertion loss	Return loss
0 - 500 MHz	-0.1 dB	-25 dB
500 - 1000 MHz	-0.14 dB	-19 dB
1000 - 1218 MHz	-0.2 dB	-15 dB

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