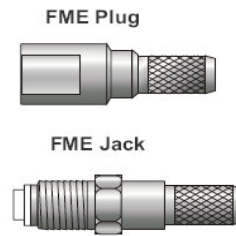
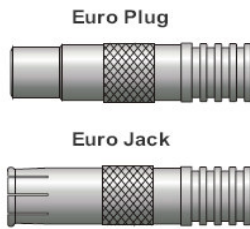


# Euro and FME Specifications 15



## ELECTRICAL

Impedance  
Frequency  
VSWR  
Insertion Loss  
RF Leakage  
Insulation Resistance  
Inner Contact Resistance  
Outer Contact Resistance  
Working Voltage  
Dielectric Withstanding Voltage

## Euro

75 ohms  
DC to 1GHz  
Not specified  
Not specified  
Not specified  
10Gohms Minimum  
5mohms Maximum  
5mohms Maximum  
500V RMS  
4KV DC

## FME

50 ohms  
DC to 2GHz  
1.3:1 Maximum  
0.2dB Maximum  
-55dB Minimum  
5Gohms Minimum  
1.5mohms Maximum  
1.0mohms Maximum  
250V RMS  
500V RMS

## MECHANICAL

Durability  
Cable Retention

250 mating cycles  
equal to cable breaking strain

500 mating cycles  
equal to cable breaking strain

## ENVIRONMENTAL

Temperature Range

-55 to +85 deg C

-55 to +85 deg C

## MATERIALS

Bodies  
Pins  
Contacts  
Ferrules  
Insulators  
End Caps  
Gaskets  
Springs  
Panel Nuts  
Panel Washers

Brass, Nickel Plated  
Brass, Gold Plated  
Phosphor Bronze, Nickel Plated  
Brass, Nickel Plated  
Delrin  
Brass, Nickel Plated  
Silicon Rubber  
Steel, Nickel Plated  
Brass, Nickel Plated  
Brass, Nickel Plated

Brass, Nickel Plated  
Brass, Gold Plated  
Phosphor Bronze, Gold Plated  
Brass, Nickel Plated  
Delrin or PTFE  
Brass, Nickel Plated  
Silicon Rubber  
Steel, Nickel Plated  
Brass, Nickel Plated  
Brass, Nickel Plated

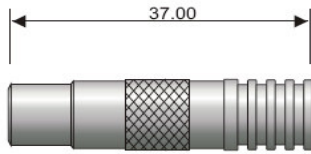
The above specifications are typical although some variations may occur.

EURO RADIO SYSTEM

Tél: +33 (0)1 39 31 28 00 Fax: +33 (0)1 39 31 27 00 E-Mail: [commercial@ers.fr](mailto:commercial@ers.fr) Site: [www.ers.fr](http://www.ers.fr)

# 16 Euro Cable Fixing

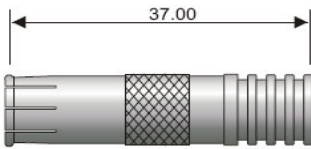
## Crimp Plug



PART NUMBER	CABLE TYPE	STRIP DIMS	HEX SIZES
EU15-0100-C06	CT100, RG6	B22	H9
EU15-0059-C06	RG59	B22	H9

Strip Dimensions - see Illustration S.3  
**B22:** A = 9.0mm B = 5.0mm C = 6.0mm

## Crimp Jack



PART NUMBER	CABLE TYPE	STRIP DIMS	HEX SIZES
EU10-0100-C06	CT100, RG6	B22	H9
EU10-0059-C06	RG59	B22	H9

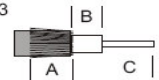
Strip Dimensions - see Illustration S.3  
**B22:** A = 9.0mm B = 5.0mm C = 6.0mm

CRIMP HEX SIZES (ferrule / contact)

<b>H9</b>	9.14mm	N/A
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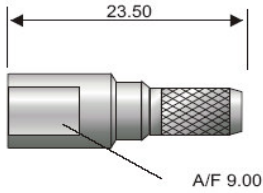
See pages 85-86 for application tooling

Illustration S.3



# FME Cable Fixing 17

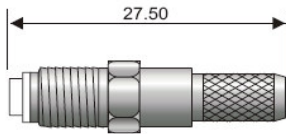
## Crimp Plug



PART NUMBER	CABLE TYPE	FERRULE	STRIP DIMS	HEX SIZES
<b>FM15-0174-C06</b>	RG174, 188, 316	F2	B23	H2
<b>FM15-0058-C06</b>	RG58, URM43	F1	B23	H3

Strip Dimensions - see Illustration S.1  
**B23:** A = 8.0mm B = 4.5mm C = 3.5mm

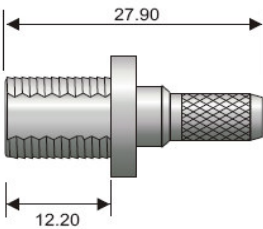
## Crimp Jack



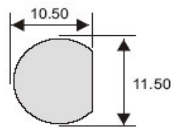
PART NUMBER	CABLE TYPE	FERRULE	STRIP DIMS	HEX SIZES
<b>FM10-0174-C06</b>	RG174, 188, 316	F2	B23	H2
<b>FM10-0058-C06</b>	RG58, URM43	F1	B23	H3

Strip Dimensions - see Illustration S.1  
**B23:** A = 8.0mm B = 4.5mm C = 3.5mm

## Crimp Bulkhead Plug



PART NUMBER	CABLE TYPE	FERRULE	STRIP DIMS	HEX SIZES
<b>FM07-0174-C06</b>	RG174, 188, 316	F1	B35	H2



Strip Dimensions - see Illustration S.1  
**B35:** A = 8.0mm B = 5.0mm C = 3.0mm

F1: Straight Ferrule



F2: Fluted Ferrule



CRIMP HEX SIZES (ferrule / contact)

<b>H2</b>	4.52mm	1.69mm
<b>H3</b>	5.41mm	1.69mm

See pages 85-86 for application tooling

Illustration S.1

