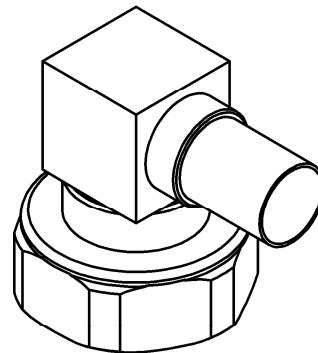
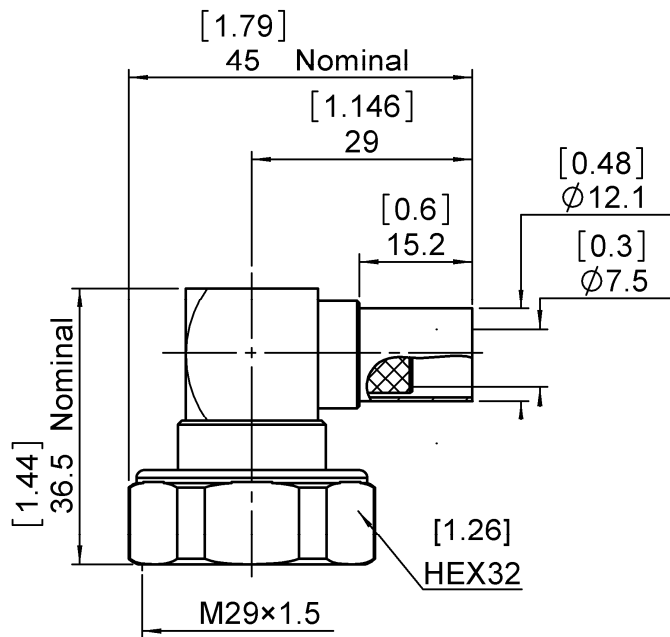


RIGHT ANGLE PLUG CRIMP TYPE

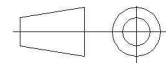
CABLE 10/50 S

R185A.174.000

Series : ECO 7-16



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	BRASS	BBR
CENTER CONTACT	BRASS	SILVER
OUTER CONTACT		
INSULATOR	PTFE	
GASKET	SILICONE RUBBER	
OTHERS PARTS	BRASS	BBR
-	-	-
-	-	-

Issue : 0941 B

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

RADIAL

RIGHT ANGLE PLUG CRIMP TYPE

CABLE 10/50 S

R185A.174.000

Series : ECO 7-16

PACKAGING

Standard	Unit	Other
20	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-3	GHz
VSWR	1.20 + 0.0000	x F(GHz) Maxi
Insertion loss	0.05	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- (NA	- F(GHz)) dB Maxi
Voltage rating	1400	Veff Maxi
Dielectric withstanding voltage	2500	Veff mini
Insulation resistance	10000	M Ω mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	200	N mini
Axial force – Opposite end	100	N mini
Torque	NA	N.cm mini

Recommended torque		
Mating	3500	N.cm
Panel nut	NA	N.cm
Clamp nut	NA	N.cm
A/F clamp nut	0.0000	mm

Mating life	100	Cycles mini
Weight	100.2000	g

ENVIRONMENTAL

Operating temperature	-40/+85	° C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATIONCABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	3.80	10.0	26.4	0.00	22.6	0.00

Assembly instruction:

Recommended cable(s)

RG 213

KX 4

Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly

Cable retention

- pull off	250	N mini
- torque	NA	N.cm

TOOLING

Part Number	Description	Hexagon
R282.235.116	CRIMPING DIES	10.54
R282.293.000	CRIMPING TOOL M22520/5-01	
R282.231.000	CRIMPING TOOL	10.54

OTHER CHARACTERISTICS

Issue : 0941 B

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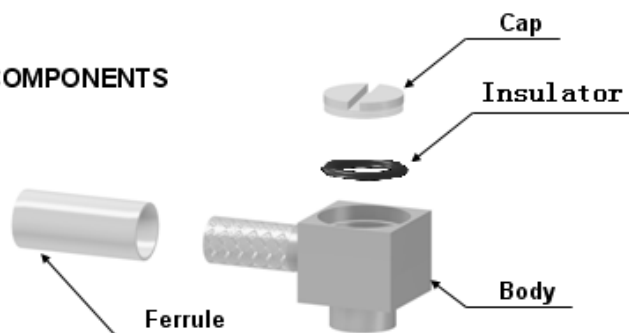
RIGHT ANGLE PLUG CRIMP TYPE

CABLE 10/50 S

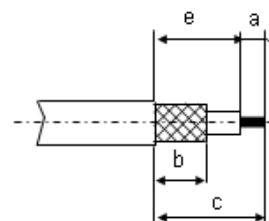
R185A.174.000

Series : ECO 7-16

COMPONENTS

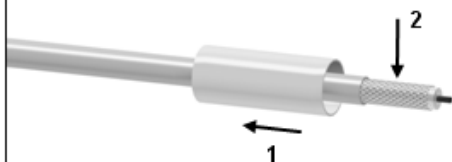


STRIPPING DIMENSIONS



1

Slide the ferrule onto the cable.
Strip the cable.



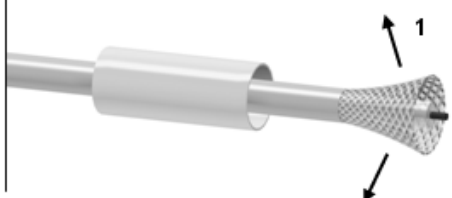
4

Solder the inner conductor.



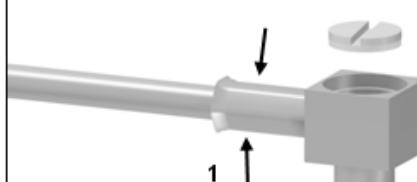
2

Fan the braid.



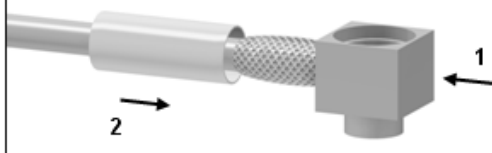
5

Crimp the ferrule with crimping tool (see connector TDS).



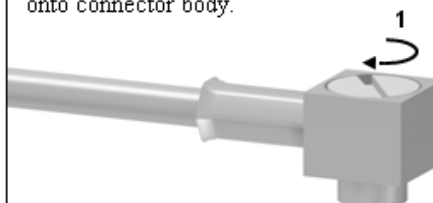
3

Push the connector body under the braid.
Slide the ferrule over the braid.



6

Tightly screw the cap with gasket
onto connector body.



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