

DATASHEET

PRODUCT SPECIFICATIONS

Interface	7/16
Standard	DIN 47223
Gender	Female
Geometry	Straight
Panel mounting feature	-

ELECTRICAL SPECIFICATIONS

Impedance	50 Ω
Frequency range	dc – 6 GHz
VSWR	≤ 1.25
Working voltage	1000 V _{RMS}
Dielectric withstanding voltage	2500 V _{RMS}
Insulation resistance	≥ 10000 M Ω



MECHANICAL SPECIFICATIONS

Durability	≥ 500 mating
Weight	90.8 g
Center contact attachment	Solder
Outer contact attachment	Clamp

MATERIAL SPECIFICATIONS

COMPONENT	MATERIAL	PLATING
Connector body	Brass	Ternary alloy
Center contact	Phosphor bronze	Silver
Insulator	PTFE	-
Gasket	Silicon rubber	-

ENVIRONMENTAL SPECIFICATIONS

Temperature range	-65 / +165 °C
IP rating	-

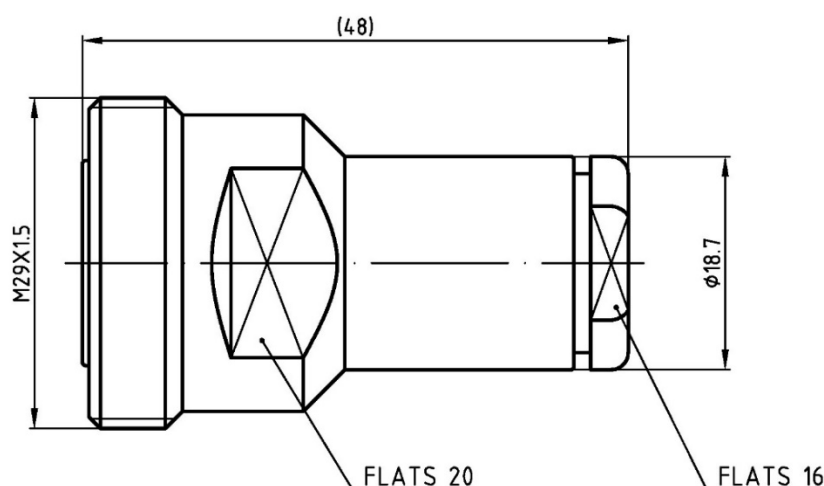


CABLE GROUP

RG213 / RG214 / RG393

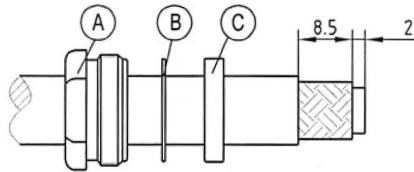
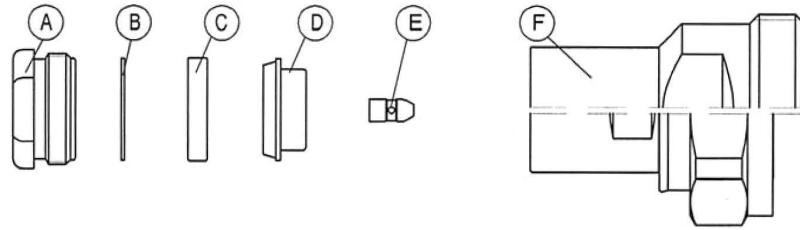
DRAWING

Unit: mm

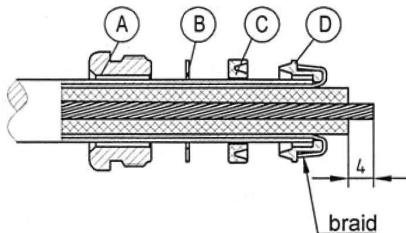


ASSEMBLY INSTRUCTION

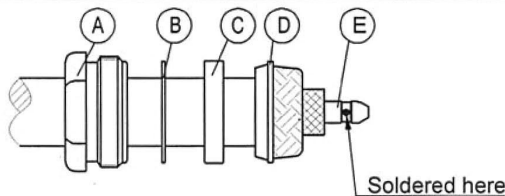
This connector
is supplied
in 6 parts



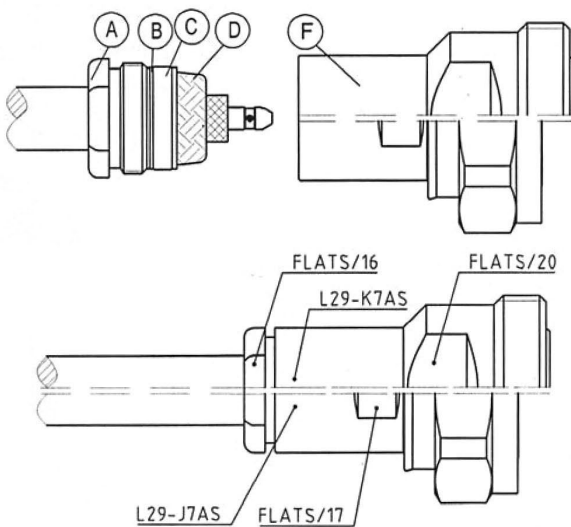
Suitable cables e.g.:RG393 RG214
Slide nut A, washer B and gasket C onto cable.
Prepare cable according to diagram.
Do not damage braid of cable!



Slide braid clamp D over the braid until shoulder
abuts the cable sheath.
Fold back braid over clamp D and trim overlapping
braid.
Prepare cable according to diagram.
Do not damage inner conductor of cable!



Heat contact E with soldering iron.
Flow small amount of solder into bore hole of E,
introduce inner conductor of cable and solder
to contact.
Remove soldering iron immediately to avoid
excessive heat.



Push prepared cable into body F until contact
engages perceptibly.
Push gasket C and washer B into body F and
tighten cable entry nut A using a spanner.