

QUARTER WAVE STUB 1710-1990 MHZ

BULKHEAD 7-16 F TO 7-16 F

R445.Q02.000

Series : QWS

 COPPER SEALING
GASKET

1 flat washer

HEX 36/flats

2 x 25/2 flats

30/2 flats

Panel thickness X

13,2

36,6

5

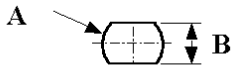
76,7

40 max

 $\phi 42\text{max}$

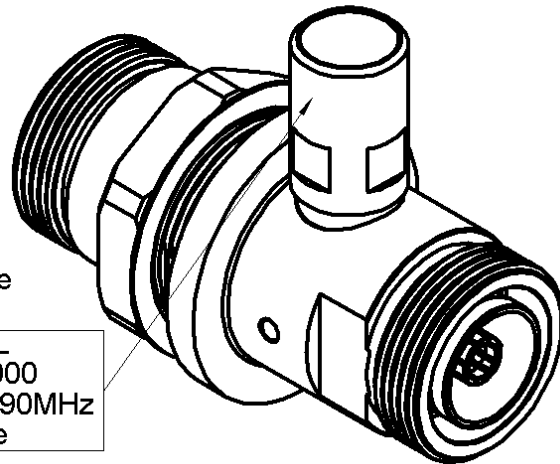
 X : mini = 2
maxi = 7

PANEL CUT OUT



	mm	
	Maxi	mini
A	32.4	32.2
B	30.5	30.3

 Etiquette
LABEL

 RADIALL
R445Q02000
QWS 1710-1990MHz
Lot: An Se


All dimensions are in mm.

COMPONENTS	MATERIALS	PLATINGS (μm)
BODY	BRASS	BBR 0.5 OVER SILVER 3
CENTER CONTACT	BERYLLIUM COPPER, BRASS	BBR 0.5 OVER SILVER 3
OUTER CONTACT	BRASS	BBR 0.5 OVER SILVER 5
INSULATOR	PTFE	
GASKET	COPPER	
OTHERS PARTS	BRASS	BBR 2
-	-	-
-	-	-

Issue : 0139 A

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



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PACKAGING

Standard	Unit	Other
1	-	Contact us

SPECIFICATION**ELECTRICAL CHARACTERISTICS**

Impedance		50 Ω
First frequency band	1710 to 1990	MHz
VSWR		1.2 Maxi
Insertion loss		0.2 dB Maxi
Second frequency band	NA to NA	MHz
VSWR		NA Maxi
Insertion loss		NA dB Maxi
RF leakage	- (	100 - F(GHz)) dB Maxi
Residual Voltage	15 V at	2.5 kA (8/20 μ s test pulse waveform)
Intermodulation		-110 dBm (2x20W)

SURGE ARRESTER CAPSULE

(Not supplied)

Form	NA
Radiall part number :	NA
Recommended torque for nut	NA N.cm

OTHERS CHARACTERISTICS**MECHANICAL CHARACTERISTICS**

Protected connector	7-16 - FEMALE
Unprotected connector	7-16 - FEMALE
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 (protected)	NA N.cm
Mating (unprotected)	NA N.cm
Panel nut	3500 N.cm
Clamp nut	NA N.cm
A/F clamp nut	0.000 mm
Mating life	500 Cycles mini
Weight	409.000 g

ENVIRONMENTAL

Operating temperature	-40/+80 ° C
Hermetic seal	NA Atm.cm ³ /s
Panel leakage	IP67

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