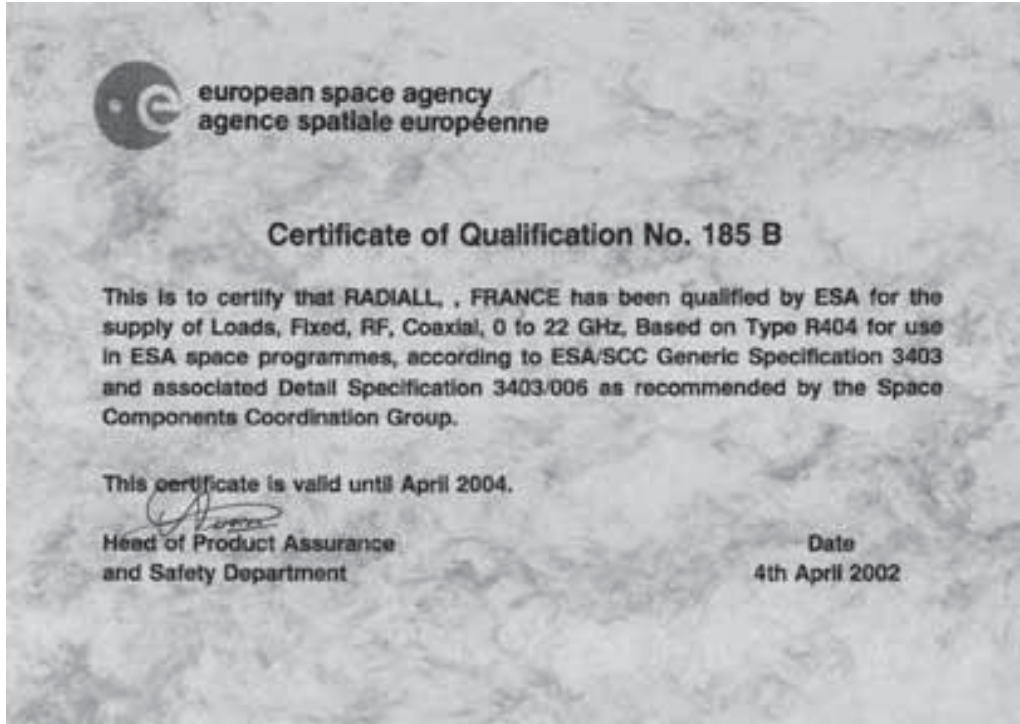




RADIALL high Reliability SPACE QUALIFIED attenuators have been designed and are built to satisfy the stringent demands of space environment via intensive manufacturing and quality procedures, such as European Space Agency ESA / SCC.



1 - 2 watts DC - 18 - 22 & 40 GHz range :

- 1) This range of terminations can be delivered :
 ESA qualified products (ESA certificate N° 185). They can be supplied to different levels of tracability (B or C) and Lot Acceptance Tests (LAT 1,2 or 3.) according to ESA generic specification ESCC3403 and detail specification ESCC3403004 & 006.

Cross references RADIALL / ESA :

RADIALL P/N	ESA SPECIFICATION P/N	Tracability level
R404 210 600	340300402B	FM / B
R404 210 650	340300402C	FM / C
R404 210 602	340300401B	FM / B
R404 210 652	340300401C	FM / C
R404 213 600	340300601B	FM / B
R404 213 650	340300601C	FM / C
R404 219 600	340300602B	FM / B

RADIALL P/N	ESA SPECIFICATION P/N	Tracability level
R404 219 650	340300602C	FM / C
R404 370 600	340300603B	FM / B
R404 370 650	340300603C	FM / C
R404 213 655	340300601	EM
R404 219 655	340300602	EM
R404 370 655	340300603	EM

- 2) RADIALL qualified products as High Reliability products according to RADIALL specification RAD-GEN-ATCH-001 up to 40 GHz

RADIALL P/N	RADIALL SPECIFICATION
R404 213 651	RAD-GEN-ATCH-001
R404 280 651	RAD-GEN-ATCH-001
R404 285 651	RAD-GEN-ATCH-001

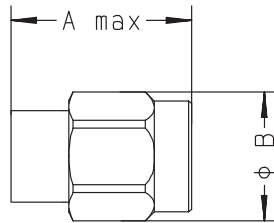


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Microwave performances :

RADIALL P/N	CONNECTORS	FREQUENCY RANGE (GHz)	VSWR Max				
			DC - 4	4 - 8	8 - 12.4	12.4 - 18	18 - 22
R404 210 6XX	SMA M	DC - 18 GHz	1.05+0.0125*F(GHz)			1.30	
R404 213 600	SMA M	DC - 22 GHz	1.05	1.15		1.20	1.30
R404 213 650	SMA M	DC - 22 GHz	1.05	1.15		1.20	1.30
R404 213 651	SMA M	DC - 22 GHz	1.05	1.15		1.20	1.30
R404 213 655	SMA M	DC - 22 GHz	1.05	1.15		1.20	1.30
R404 219 600	SMA F	DC - 22 GHz	1.05	1.15		1.25	1.30
R404 219 650	SMA F	DC - 22 GHz	1.05	1.15		1.25	1.30
R404 219 655	SMA F	DC - 22 GHz	1.05	1.15		1.25	1.30
R404 370 6XX	TNC M	DC - 18 GHz	1.08	1.10	1.15	1.20	
R404 280 651	SMA 2.9 M	DC - 40 GHz	1.30				
R404 285 651	SMA 2.9 F	DC - 40 GHz	1.30				



Part Number	A inch (mm)	B inch (mm)	Weight (g)
R404 210 600	.47" (12)	.25" (6.4)	3.5
R404 210 650			
R404 210 602			
R404 210 652	.65" (16.5)	.30 (7.7)	5
R404 213 600			
R404 213 650			
R404 213 651			
R404 213 655			
R404 219 600			
R404 219 650	.56" (14.3)		
R404 219 655			
R404 370 6xx	.99" (25)	.51 (13)	2.3
R404 280 651	.72" (18.4)	.30 (7.7)	5.5
R404 285 651	.76" (19.3)		



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