6.1 CABLE ASSEMBLY (50)

6.1.1 RF Cable Assemblies

RF Flexible Cable Assembly, TNC, Very High Power, 50 Ohms, DC to 8GHz, based on type TNC-VHP				**348D**
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3408 Detail ESCC 3408/001	Radiall Chateau-Renault France	Qualification	CNES	April 2018
		Remarks		

Qualified range:

ESCC 3408/001: Variants from 4, 5, 6

NOTE 1: Actual RF Power-handling capability could only be verified directly by qualification test up to 350W@2 GHz and 200W@4GHz due to limitations in test equipment.

NOTE 2: Regarding Total Dose radiation testing, insertion loss degradation affects these cables as they are made with PTFE dielectric (see ESCC 3408/001 Para. 1.8). Conformance with the specification's maximum Insertion Loss could only be verified by test up to 10 MRad while the material integrity of the cable's jacket was verified through further testing up to 120MRad.