37.9 Coaxial Adapter 7-16 Female - 4.3-10 Male with right angle SW18.0 **FEATURES / BENEFITS** Marker S22.0 Cap Ø24.8 **External Document Links** Notes **Technical features STRUCTURE Product Line** Coaxial Cable Components **Product Type** Coaxial Adapter **MECHANICAL SPECIFICATIONS Connector A** 7-16 Female **Center Contact Connector A** Phosphor Bronze, silver plated **Outer Contact Connector A** Brass, Tri metal alloy plated 4.3-10 Male **Connector B Center Contact Connector B** Phosphor Bronze, silver plated **Outer Contact Connector B** Brass, Tri metal alloy plated Dielectric PTFE Sealing class IP68, connected **ELECTRICAL SPECIFICATIONS** Frequency Range - MHz DC - 6000 DC TO 2 GHz VSWR 1.05 (32.25) **VSWR**, Return Loss VSWR (dB) 2 TO 3 GHz VSWR 1.08 (28.3) 3 TO 6 GHz VSWR 1.12 (24.94) Insertion Loss, dB (Max) dB 0.05 3rd Order IM Product @ 2x20 dBc -163 Watts **TEMPERATURE SPECIFICATIONS Operation Temperature** °C (°F) -40 to 85 (-40 to 185) **PACKAGING INFORMATION Package Quantity** 1

716F-R-43M REV : B REV DATE : 19 Apr 2023 **www.rfsworld.com**