

CONVENIENCE AND QUALITY FROM VALIDATION TESTING TO ADOPTION READINESS

INTRODUCING RF CABLE ASSEMBLIES FOR RAPID PROTOTYPE DEVELOPMENT



Engineers in aerospace and defense are often asked to update RF and wireless technologies while managing corporate or government mandates and possibly maintaining legacy designs. It's a tough challenge that comes with tight deadlines. TE Connectivity's (TE) pre-configured RF cable assemblies for VITA applications provide a quick way to prove designs with reliable dependency.

PRODUCT FEATURES

- Meets VITA standards
- Small with tight tolerance electrical characteristics
- Rugged and lightweight
- Reliable high use in harsh environments
- Manufactured with crimp, solder, and clamp terminations for easy installation

KEY BENEFITS

- Enables rapid prototyping
- Budget management
- TE quality and support
- Customization options available

CONTACT US

Our cables are pre-assembled in common configurations for your convenience with options for customization.

[Contact us](#) to order or to learn more.

APPLICATIONS

Designed for rapid prototype development and testing/validation stages, these cables meet the needs of design activities in embedded computing applications across the aerospace and defense industry including:

- Electronic Warfare
- C5ISR (command, control, computers, communications cyber-defense and intelligence, surveillance and reconnaissance)
- Missiles
- Defense Communication Systems
- Military Radar



RF CABLE ASSEMBLIES

PART NUMBERS

Cable Dia.	Nano vs SMPM	Length	Pin vs Socket	CONF	TE PN	Description
0.047	NanoRF	6"	Socket	SMA Plug	2490858-1	RF .047 Assy, NanoRF Socket - SMA Plug
				SMPM R/A Jack	2490859-1	RF .047 Assy, NanoRF Skt - SMPM R/A Jack
				SMPM Jack	2490860-1	RF .047 Assy, NanoRF Socket - SMPM Jack
				NanoRF Skt	2494649-1	NanoRF Socket to NanoRF Socket
			Pin	SMA Plug	2490861-1	RF .047 Assy, NanoRF Pin - SMA Plug
				SMPM Jack	2490862-1	RF .047 Assy, NanoRF Pin - SMPM Jack
				SMPM R/A Jack	2490863-1	RF .047 Assy, NanoRF Pin - SMPM R/A Jack
				NanoRF Skt	2494648-1	NanoRF Pin to NanoRF Socket
				NanoRF Pin	2494647-1	NanoRF Pin to NanoRF Pin
		12"	Socket	SMA Plug	2490858-2	RF .047 Assy, NanoRF Socket - SMA Plug
				SMPM R/A Jack	2490859-2	RF .047 Assy, NanoRF Socket - SMPM R/A Jack
				SMPM Jack	2490860-2	RF .047 Assy, NanoRF Socket - SMPM Jack
				NanoRF Skt	2494649-2	NanoRF Socket to NanoRF Skt
			Pin	SMA Plug	2490861-2	RF .047 Assy, NanoRF Pin - SMA Plug
				SMPM Jack	2490862-2	RF .047 Assy, NanoRF Pin - SMPM Jack
				SMPM R/A Jack	2490863-2	RF .047 Assy, NanoRF Pin - SMPM R/A Jack
				NanoRF Skt	2494648-2	NanoRF Pin to NanoRF Skt
				NanoRF Pin	2494647-2	NanoRF Pin to NanoRF Pin
	SMPM	6"	Pin	SMA Plug	2490857-1	RF .047 Assy, SMPM Plug - SMA Plug
			Socket	SMPM Jack	2490864-1	RF .047 Assy, SMPM Jack - SMPM Jack
				SMA Plug	2490865-1	RF .047 Assy, SMPM Jack - SMA Plug
		12"	Pin	SMA Plug	2490857-2	RF .047 Assy, SMPM Plug - SMA Plug
			Socket	SMPM Jack	2490864-2	RF .047 Assy, SMPM Jack - SMPM Jack
				SMPM Plug	2490865-2	RF .047 Assy SMPM Jack -SMA Plug
0.086	NanoRF	6"	Pin	Sz 12 SMPM Jack	2490360-1	RF .086 Assy, NanoRF Pin - Sz12 SMPM Jack
				SMA Plug	2490868-1	RF .086 Assy, NanoRF Pin - SMA Plug
				SMPM Jack	2490869-1	RF .086 Assy, NanoRF Pin - SMPM Jack
				SMPM R/A Jack	2490870-1	RF .086 Assy, NanoRF Pin - SMPM R/A Jack
		12"		Sz 12 SMPM Jack	2490360-2	RF .086 Assy, NanoRF Pin - Sz12 SMPM Jack
				SMA Plug	2490868-2	RF .086 Assy, NanoRF Pin - SMA Plug
				SMPM Jack	2490869-2	RF .086 Assy, NanoRF Pin - SMPM Jack
				SMPM R/A Jack	2490870-2	RF .086 Assy, NanoRF Pin - SMPM R/A Jack
	SMPM	6"	Socket	SMA Plug	2490866-1	RF .086 Assy, SMPM Jack - SMA Plug
				2.92 mm Plug	2490867-1	RF .086 Assy SMPM Jack - 2.9 Plug
				SMPM Jack	2490872-1	RF .086 Assy, SMPM Jack - SMPM Jack
			Pin	SMA Plug	2490871-1	RF .086 Assy, SMPM Plug - SMA Plug
		12"	Socket	SMA Plug	2490866-2	RF .086 Assesy, SMPM Jack - SMA Plug
				2.92 mm Plug	2490867-2	RF .086 Assy, SMPM Jack - 2.9 Plug
				SMPM Jack	2490872-2	RF .086 Assy, SMPM Jack - SMPM Jack
			Pin	SMA Plug	2490871-2	RF .086 Assy, SMPM Plug - SMA Plug

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