

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	
		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	
	12"	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		
	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
		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
	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	
		12"	Pin	SMA Plug	2490871-1	RF .086 Assy, SMPM Plug - SMA Plug	
				Socket	SMA Plug	2490866-2	RF .086 Assy, 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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09/24

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