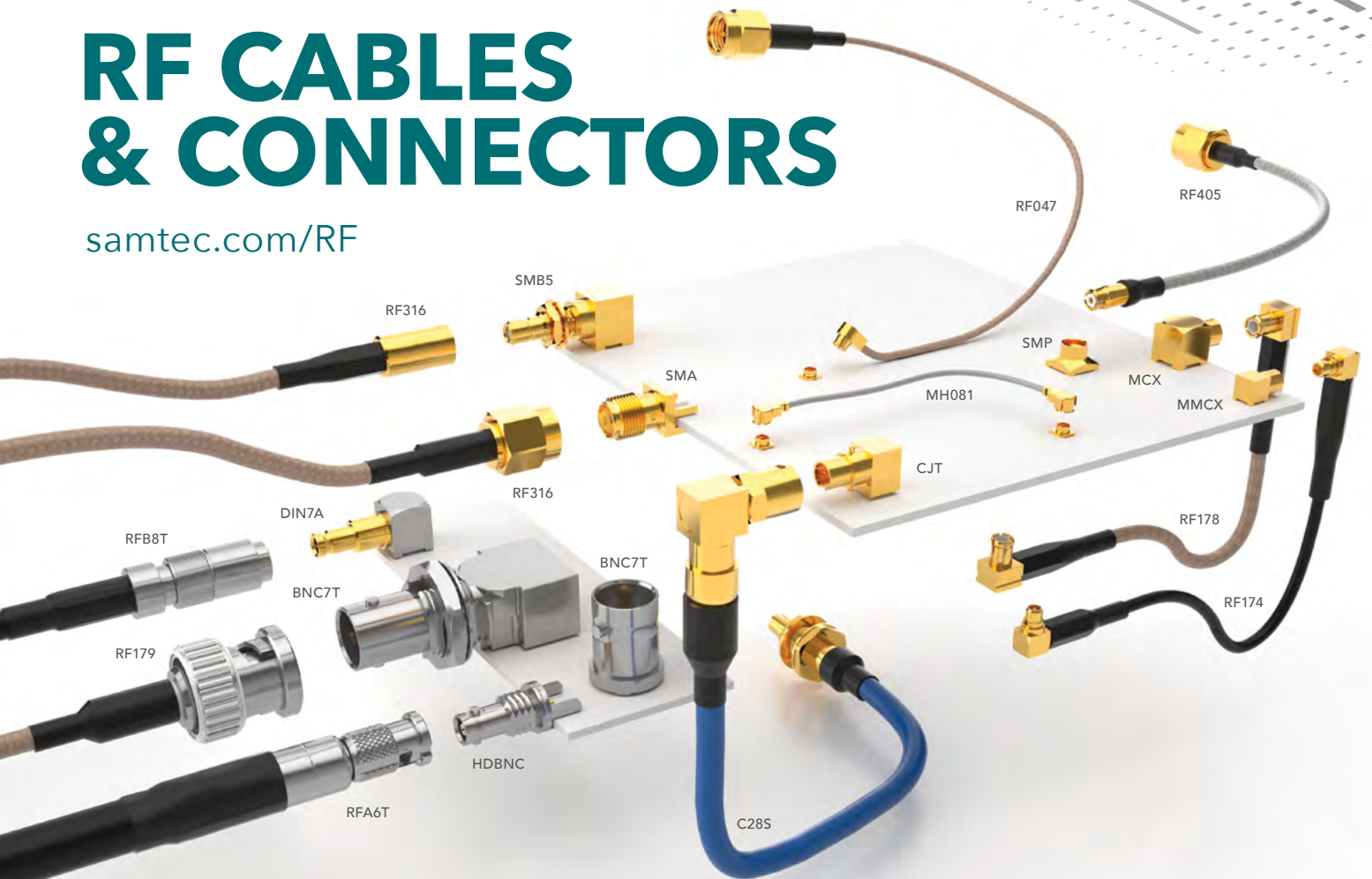


RF CABLES & CONNECTORS

samtec.com/RF



SOLUTIONATOR® ONLINE RF ASSEMBLY BUILDER

rf.samtec.com

Solutionator® is Samtec's online parametric filter that lets you easily choose your product and board-level mate in a matter of minutes. It also connects you directly to:



LIVE CHAT
with an RF engineer



VIEW
engineering drawings



REQUEST
samples and quotes

MIX-AND-MATCH END OPTIONS

Standard cable assemblies with standard pricing and lead times

HIGH FREQUENCY MICROWAVE				50 Ω RF CABLES				75 Ω RF CABLES			
CABLE	AWG	END OPTIONS	SERIES	CABLE	AWG	END OPTIONS	SERIES	CABLE	AWG	END OPTIONS	SERIES
MWC-2350CU-01	23	2.92 mm, 2.40 mm, SMA, SMP	RF23C	0.81	36	MHF1, MHF3, MHF4, SMA	MH081	RG 179	30	MCX, MMCX7, SMB, BNC, DIN 1.0/2.3	RF179, GRF7-C, GRF7H-C
MWC-2350-01	23	3.50 mm	RF23S	1.13	32	MHF1, SMA	MH113	1855A	23	HD-BNC™, DIN 1.0/2.3	RFB8T
MWC-2550-01	25	SMA, SMP	RF25S	RG 178	30	MMCX, MCX, SMA, SMB, BNC, TNC, N Type	RF178	1694A	18	BNC, HD-BNC™, DIN 1.0/2.3	RFB6T
CCA-047	28	HMHF1, SMA	RF047	RG 174	26	MMCX, MMCXV, MCX, SMA, SMB, BNC, TNC, N Type	RF174	RG 6	18		RFA6T
RG 405	24	SMA, SMP	RF405	RG 316	26	MMCX, MMCXV, MCX, SMA, SMB, BNC, TNC, N Type	RF316, IJ5C, IJ5H, GRF1-C, GRF1H-C				
RG 402	19	SMA	RF402	RG 58	20	SMA, TNC, N Type	RF058				

Go to samtec.com/catalog to order or view the RF Interconnect Catalog.

50 Ω RF CABLES & CONNECTORS

- High-frequency cables: semi-flexible, solid, foamed or air enhanced dielectric
- Micro high-frequency U.FL/W.FL cable assemblies
- Wide variety of industry standard cables with mix-and-match end options
- Double-shielded RG 316 cable
- Wide variety of terminations: jacks and plugs, bulkhead jacks, straight and right-angle
- 3.50 mm, 2.92 mm, SMP, 2.40 mm, 1.85 mm and SMPM Precision interconnects
- Board level interconnects in a choice of orientations



NON-MAGNETIC RF SOLUTIONS

- Truly non-magnetic RF solutions; 100% inspected for magnetic permeability
- Nearly all Samtec interconnects can be ordered as non-magnetic, contact RFTechnicalGroup@samtec.com
- Supported by Samtec's quick-turn lead times and unmatched service
- Ideal for medical imaging, advanced driver assistance systems, hand held devices, etc.



75 Ω RF CABLES & CONNECTORS

- Wide variety of industry standard cables with mix-and-match end options
 - RFB8T Series (with Belden 1855A cable)
 - Wide variety of terminations: BNC, HD-BNC™, DIN 1.0/2.3, SMB
 - Straight and right-angle, die cast options
 - Board level interconnects in a choice of orientations
 - High-density BNC provides 4X the panel density of traditional BNCs
 - 12G-SDI optimized 75 Ω interconnects
- HD-BNC™ is a trademark of Amphenol.



12G-SDI BROADCAST VIDEO SOLUTIONS



- Samtec has the largest variety of 12G-SDI optimized products
- Analysis and launch optimization: RFTechnicalGroup@samtec.com
- 75 Ω BNC, HD-BNC™ and DIN 1.0/2.3
- Right-angle, vertical, edge mount, low-profile and standard or tall through-hole
- Visit samtec.com/12gsdi



ORIGINAL SOLUTIONS

- Machined U.FL to 500 cycles (HMHF1/RF047)
- High vibration and 75 Ω MMCX (MMCXV and MMCX7)
- Circular RF shielded twisted pair system (C28S/CJT)
- IsoRate® isolated signal systems for 90% performance of traditional RF at 50% of the cost (IJ5C and IJ5H)

