

HUBER+SUHNER® MINI141™ HT Cable

Description

- Impedance 50 Ω
- Applicable up to 40 GHz
- Automatically ruggedized by design
- Direct replacement for 0.141 inch semi-rigid cables
- A Viable Solution for RoHS-compliant Environments

What is it? MINI141™ HT is an enhanced, low loss version of the MINIBEND flexible coaxial cable assembly with increased phase stability and power handling capacity which is designed for use in low profile, internal, point-to-point interconnections between RF modules within communications systems. MINI141™ HT replaces 0.141 inch custom semi-rigid cables with standard flexible cables providing 20 % lower attenuation and eliminating the need for predefined custom lengths and bend configurations. The construction of the MINI141 HT allows a higher-temperature environment at the connector junction, while the lead-free solder positions it as fully RoHS compliant selection.



MINI141™ HT – Available Cable Connectors/Interfaces

Compatible Connectors (Other connectors may be made available upon request)

Requirements
SMA
N
TNCA
SK

Technical Drawing

Cable	Inner Conductor	Dielectric	Outer Conductor	Barrier	Outer Braid	Jacket	Outer Diameter
	1	2	3	4	5	6	
32022	CuAg (SPC) Wire	Microporous PTFE	CuAg (SPC) flat wire braid	Aluminum / Polyimide Tape	Stainless Steel Braid	FEP	3.7 mm

Cable	Operating Frequency	Velocity (nominal)	Weight (nominal)	Static Min. Bend Radius	Impedance	Temp. Range
	GHz	%	g/m	mm	Ω	°C
32022	40	76.3	31.3	8.4	50	-55 to +200

