

HUBER+SUHNER® NANOBEND™ Cable Information

Description

- Impedance 50 Ω
- Stock delivery on standard lengths
- Current Available Configurations applicable up to 65 GHz
- Connections available that are found nowhere else in our current product offerings, including: Size 12 SMPM, Size 16 SMPS, Nanominiature Connections (pictured at right), VITA 67.1/2 SMPM, VITA 67.3 SMPM and SMPS, and more!



What is it? NANOBEND™ is a new and flexible, high-frequency coaxial cable assembly that is designed for use in low profile, internal, point-to-point interconnections between RF modules within communications systems. As the newest entrant found in the MINIBEND™ family of standard flexible cables, NANOBEND brings the same capabilities you depend on, but now in the smallest diameter available.

NANOBEND™ – Available Cable Connectors

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

Requirements
HUBER+SUHNER®-designed Nanominiature Connections, both Plug and Jack
SMA and SMA Bulkhead
SMPM and SMPM Plus
SMP
SK and SK Bulkhead
Size 12 SMPM
Size 16 SMPS
VITA 67.1/2 and VITA 67.3 SMPM Connector
VITA 67.3 SMPS Connector

Technical Drawing

Cable	Inner Conductor	Dielectric	Outer Conductor	Barrier	Outer Braid	Jacket	Outer Diameter
	1	2	3	4	5	6	
32061SE	CuAg (SPC) Wire	Extruded TFE	CuAg (SPC) flat wire braid	Aluminum / Polyimide Tape	Stainless Steel Braid	FEP	1.6 mm

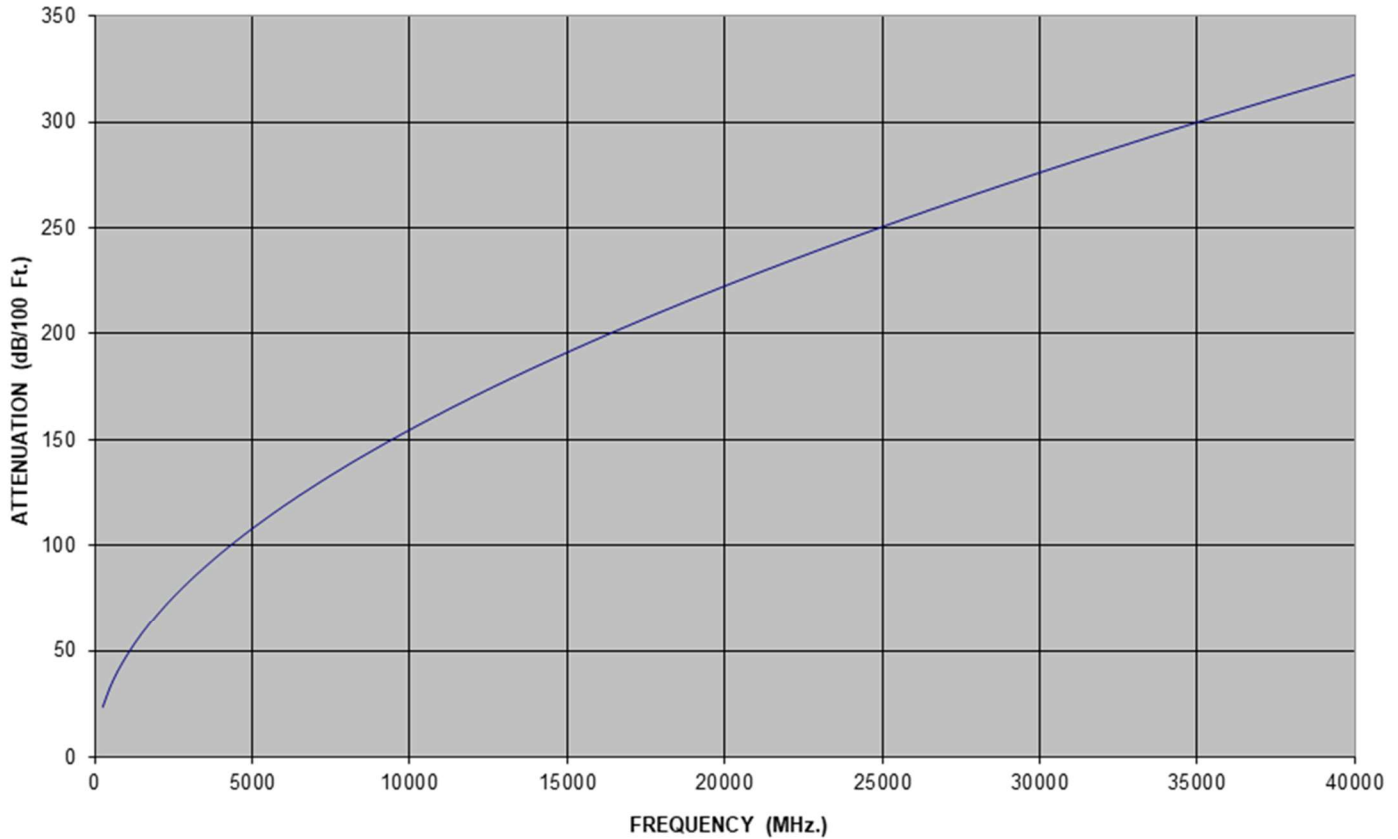
Cable	Operating Frequency	Velocity (nominal)	Weight (nominal)	Static Min. Bend Radius	Impedance	Temp. Range
	GHz	%	g/m	mm	Ω	°C
32061SE	110	70.3	14.9	5.08	50	-55 to +200



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Performance Graph

ATTENUATION OF 32061SE



Ordering information

Product	Description	H+S Item number
NANOBEND™ Cable Assemblies	32061SE Cable + Specified Assembly	Via HUBER+SUHNER Price Lists

Longer, specialty lengths can be made available upon request; please note, the service class delivery lead times for specialty ordered cables will be longer than standard lengths. Discuss customized and further NANOBEND connector configurations listed on the preceding page with your HUBER+SUHNER customer representative and sales professional for ordering and delivery times.