

Selection Guide: 50 Ohm Coax Cable

COAX CABLE

Series 962 Coax Cables 50 Ohm Low Loss



BLUMARK RF
COAX CABLES

Series 962 BluMark RF 50 Ohm Coax Cables are available in seven size categories: 047, 086, 130, 160, 200, 235, and 300. These low attenuation cables are suitable for aerospace applications and test equipment. Jacket options include FEP and radiation-resistant space-grade ETFE.

- Low attenuation
- FEP and ETFE jackets
- Low Phase Change cables
- Seven size categories
- Compatible with standard RF/Microwave connectors
- All cables can be ordered with red plague mitigation certification

962-025 Series, PFA Dielectric

047

40 GHz
FEP Jacket
.059 (1.5) Diameter
962-025-047
Page 4

086

40 GHz
FEP Jacket
.108 (2.7) Diameter
962-025-086
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962-032 Series, PTFE Dielectric

130

40 GHz
FEP Jacket
.135 (3.4) Diameter
962-032-130
Page 6

160

40 GHz
FEP Jacket
.160 (4.1) Diameter
962-032-160
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200

26.5 GHz
FEP Jacket
.201 (5.1) Diameter
962-032-200
Page 8

235

18 GHz
FEP Jacket
.239 (6.1) Diameter
962-032-235
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300

18 GHz
FEP Jacket
.304 (7.7) Diameter
962-032-300
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GLENAIR BLUMARK RF 50 OHM LOW LOSS COAX CABLE

Size Category	Part Number	Cable Type	Jacket O.D.		Conductor Dia.		Shield Construction	Jacket*	GHz	Dielectric	Page
			in	mm	in	mm					
047	962-025-047	High-Performance Flexible	.056	1.42	.011	0.29	2x Flat Wires + Braid	FEP	40	PFA	14
086	962-025-086	High-Performance Flexible	.104	2.64	.020	0.51	2x Flat Wires + Braid	FEP	40	PFA	15
130	962-032-130	High Performance Flexible	.135	3.43	.029	0.74	2x Flat Wires + Braid	FEP	40	e-PTFE	16
160	962-032-160	High Performance Flexible	.160	4.06	.036	0.91	2x Flat Wires + Braid	FEP	40	e-PTFE	17
200	962-032-200	High Performance Flexible	.201	5.11	.051	1.30	2x Flat Wires + Braid	FEP	26.5	e-PTFE	18
235	962-032-235	High Performance Flexible	.239	6.07	.057	1.45	2x Flat Wires + Braid	FEP	26.5	e-PTFE	19
300	962-032-300	High Performance Flexible	.304	7.72	.089	2.26	2x Flat Wires + Braid	FEP	18	e-PTFE	20

*Consult factory for ETFE and LSZH jacket options

ABBREVIATIONS

e-PTFE	expanded PTFE
ETFE	ethylene tetrafluoroethylene
FEP	fluorinated ethylene propylene
LSZH	low smoke zero halogen
PTFE	polytetrafluoroethylene
PFA	perfluoroalkoxy