

Selection Guide: 50 Ohm Low-Loss Coax Cables

BLUMARK RF COAX CABLES

BLUMARK RF

Series 962

50 Ohm Low Loss



Series 962 BluMark RF 50 Ohm Coax Cables are available in eight size categories: 047, 086, 141, 130, 160, 200, 235, and 300. These low attenuation cables are suitable for aerospace applications and test equipment. Standard jacket is FEP. Radiation-resistant space-grade ETFE also available, consult factory.

- Low attenuation
- FEP, ETFE, and Polyurethane jackets
- Low-phase-change cables
- Eight size categories
- Compatible with standard RF/Microwave connectors
- Available red plague mitigation certification
- Environmentally sealed assemblies also available. Contact Factory.

962-025 Series, PFA Dielectric



047
 40 GHz
 FEP Jacket
962-025-047
 Page 3



086
 40 GHz
 FEP Jacket
962-025-086
 Page 4



141
 30 GHz
 FEP Jacket
962-025-141
 Page 5

962-032 Series, e-PTFE Dielectric



130
 40 GHz
 FEP Jacket
962-032-130
 Page 6



160
 40 GHz
 FEP Jacket
962-032-160
 Page 7



200
 26.5 GHz
 FEP Jacket
962-032-200
 Page 8



235
 18 GHz
 FEP Jacket
962-032-235
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300
 18 GHz
 FEP Jacket
962-032-300
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ABBREVIATIONS

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

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 Inside-the-Box	.056	1.42	.011	0.29	2x Flat Wires + Braid	FEP	40	PFA	3
086	962-025-086	High-Performance Flexible Inside-the-Box	.104	2.64	.020	0.51	2x Flat Wires + Braid	FEP	40	PFA	4
141	962-025-141	High-Performance Flexible Inside-the-Box	.164	4.17	.141	.036	2x Flat Wires + Braid	FEP	40	PFA	5
130	962-032-130	High-Performance Flexible Outside-the-Box	.135	3.43	.029	0.74	2x Flat Wires + Braid	FEP	40	e-PTFE	6
160	962-032-160	High-Performance Flexible Outside-the-Box	.160	4.06	.036	0.91	2x Flat Wires + Braid	FEP	40	e-PTFE	7
200	962-032-200	High-Performance Flexible Outside-the-Box	.201	5.11	.051	1.30	2x Flat Wires + Braid	FEP	26.5	e-PTFE	8
235	962-032-235	High-Performance Flexible Outside-the-Box	.239	6.07	.057	1.45	2x Flat Wires + Braid	FEP	26.5	e-PTFE	9
300	962-032-300	High-Performance Flexible Outside-the-Box	.304	7.72	.089	2.26	2x Flat Wires + Braid	FEP	18	e-PTFE	10

*Consult factory for ETFE and LSZH jacket options