

Selection Guide: 50 Ohm Low-Loss Coax Cables



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



086
40 GHz
FEP Jacket
962-025-086



141
30 GHz
FEP Jacket
962-025-141

962-032 Series, e-PTFE Dielectric



130
40 GHz
FEP Jacket
962-032-130



160
40 GHz
FEP Jacket
962-032-160



200
26.5 GHz
FEP Jacket
962-032-200



235
18 GHz
FEP Jacket
962-032-235



300
18 GHz
FEP Jacket
962-032-300

Space-Grade



Radiation-resistant
ETFE jacket
962-046 and
962-048 series,
consult factory

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.		Shield Construction	Jacket*	GHz	Dielectric
			in	mm				
047	962-025-047	High-Performance Flexible Inside-the-Box	.056	1.42	2x Flat Wires + Braid	FEP	40	PFA
086	962-025-086	High-Performance Flexible Inside-the-Box	.104	2.64	2x Flat Wires + Braid	FEP	40	PFA
141	962-025-141	High-Performance Flexible Inside-the-Box	.164	4.17	2x Flat Wires + Braid	FEP	30	PFA
130	962-032-130	High-Performance Flexible Outside-the-Box	.135	3.43	2x Flat Wires + Braid	FEP	40	e-PTFE
160	962-032-160	High-Performance Flexible Outside-the-Box	.160	4.06	2x Flat Wires + Braid	FEP	40	e-PTFE
200	962-032-200	High-Performance Flexible Outside-the-Box	.201	5.11	2x Flat Wires + Braid	FEP	26.5	e-PTFE
235	962-032-235	High-Performance Flexible Outside-the-Box	.239	6.07	2x Flat Wires + Braid	FEP	26.5	e-PTFE
300	962-032-300	High-Performance Flexible Outside-the-Box	.304	7.72	2x Flat Wires + Braid	FEP	18	e-PTFE

*Consult factory for ETFE and LSZH jacket options