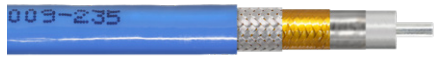


## Selection Guide: 50 Ohm Coax Cable

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, 160, 200, 235, 300 and 450. These low attenuation cables are suitable for aerospace applications and test equipment. Jacket options include FEP and radiation-resistant space-grade ETFE. Triple-shielded high performance cables have expanded PTFE dielectric core for low loss up to 40 GHz.

- Low attenuation
- FEP and ETFE jackets
- Low Phase Change cables
- Seven size categories
- Compatible with standard RF/Microwave connectors

**047**



70 GHz  
FEP Jacket  
Tape + Braid Shield  
.056 (1.4) Diameter  
**962-029-047**  
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**086**



40 GHz  
FEP Jacket  
Tape + Braid Shield  
.104 (2.6) Diameter  
**962-010-405**  
Page 24



40 GHz  
ETFE Jacket  
Tape + Braid Shield  
.097 (2.5) Diameter  
**962-010-405TZ**  
Page 24

**160**



40 GHz  
FEP Jacket  
Triple Shield  
.161 (4.1) Diameter  
**962-009-160**  
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18 GHz  
FEP Jacket  
Tape + Braid Shield  
.163 (4.1) Diameter  
**962-010-402**  
Page 25



18 GHz  
ETFE Jacket  
Tape + Braid Shield  
.163 (4.1) Diameter  
**962-010-402TZ**  
Page 25



18 GHz  
ETFE Jacket  
Triple Shield  
.145 (3.7) Diameter  
**962-016-160**  
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40 GHz  
Low Phase Change  
FEP Jacket  
.157 (4.0) Diameter  
**962-011-402**  
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40 GHz  
Low Phase Change  
ETFE Jacket  
.157 (4.0) Diameter  
**962-017-402**  
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**200**



26.5 GHz  
FEP Jacket  
Triple Shield  
.204 (5.2) Diameter  
**962-009-200**  
Page 20



26.5 GHz  
ETFE Jacket  
Triple Shield  
.187 (4.7) Diameter  
**962-012-200**  
Page 27

**235**



18 GHz  
FEP Jacket  
Triple Shield  
.235 (6.0) Diameter  
**962-009-235**  
Page 21



18 GHz  
ETFE Jacket  
Triple Shield  
.205 (5.2) Diameter  
**962-012-235**  
Page 28

**300**



18 GHz  
FEP Jacket  
Triple Shield  
.310 (7.9) Diameter  
**962-009-300**  
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**450**



10 GHz  
FEP Jacket  
Triple Shield  
.448 (6.0) Diameter  
**962-009-450**  
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## Selection Guide

COAX CABLE

GLENAIR BLUMARK RF 50 OHM LOW LOSS COAX CABLE												
Size Category	Part Number	Cable Type	Cable O.D.		Conductor Dia.		Shield Construction	Jacket	GHz	Dielectric	Page	
			in	mm	in	mm						
047	<a href="#">962-029-047</a>	Flexible	.056	1.4	.011	0.29	Tape + Braid	FEP	70	FEP	29	
086	<a href="#">962-010-405</a>	Flexible	.104	2.6	.020	0.51	Tape + Braid	FEP	40	PTFE	24	
	<a href="#">962-010-405TZ</a>	Flexible	.097	2.5	.020	0.51	Tape + Braid	ETFE	40	PTFE	24	
160	<a href="#">962-009-160</a>	High Performance Flexible	.161	4.1	.036	0.91	Tape + Foil + Braid	FEP	40	e-PTFE	19	
	<a href="#">962-010-402</a>	Flexible	.163	4.1	.037	0.94	Tape + Braid	FEP	18	PTFE	25	
	<a href="#">962-010-402TZ</a>	Flexible	.163	4.1	.037	0.94	Tape + Braid	ETFE	18	PTFE	25	
	<a href="#">962-011-402</a>	Low Phase Change Flexible	.157	4.0	.041	1.04	Tape + PTFE + Braid	FEP	40	LPCF	26	
	<a href="#">962-016-160</a>	High Performance Flexible	.145	3.7	.036	0.91	Tape + Foil + Braid	ETFE	18	e-PTFE	30	
	<a href="#">962-017-402</a>	Low Phase Change Flexible	.157	4.0	.041	1.04	Tape + PTFE + Braid	ETFE	40	LPCF	31	
200	<a href="#">962-009-200</a>	High Performance Flexible	.204	5.2	.051	1.30	Tape + Foil + Braid	FEP	26.5	e-PTFE	20	
	<a href="#">962-012-200</a>	Flexible	.187	4.7	.051	1.30	Tape + Foil + Braid	ETFE	26.5	e-PTFE	27	
235	<a href="#">962-009-235</a>	High Performance Flexible	.235	6.0	.057	1.45	Tape + Foil + Braid	FEP	18	e-PTFE	21	
	<a href="#">962-012-235</a>	High Performance Flexible	.205	5.2	.057	1.45	Tape + Foil + Braid	ETFE	18	e-PTFE	28	
300	<a href="#">962-009-300</a>	High Performance Flexible	.310	7.9	.089	2.26	Tape + Foil + Braid	FEP	18	e-PTFE	22	
450	<a href="#">962-009-450</a>	High Performance Flexible	.448	11.4	.133	3.38	Tape + Foil + Braid	FEP	10	e-PTFE	23	

### JACKET ABBREVIATIONS

- e-PTFE expanded PTFE
- ETFE ethylene tetrafluoroethylene
- FEP fluorinated ethylene propylene
- LPCF low phase change fluoropolymer
- PTFE polytetrafluoroethylene