

PhaseTrack®

PhaseTrack® cable assemblies are designed for applications demanding minimal phase change over temperature. These cables use a proprietary TF4® dielectric and feature a double shield and vapor seal design for a wide range of applications.

IDEAL FOR:

- Phased Array Radars
- Space Applications
- Shipboard and Naval Systems
- Electronic Warfare Applications
- Airframe and Ground Systems
- Test and Measurement

Learn More



PhaseTrack®



PhaseTrack® Low Smoke

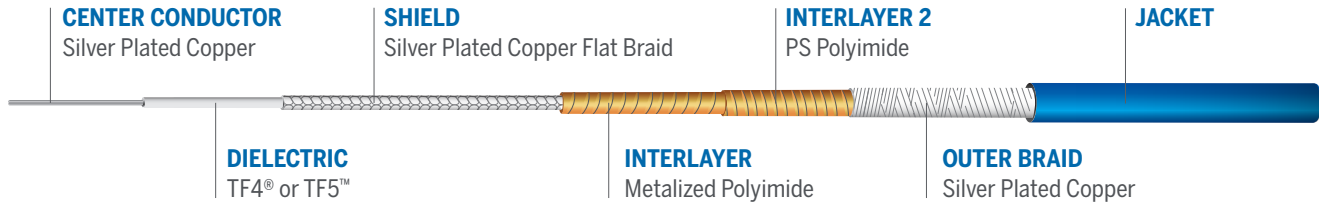


PhaseTrack® Semi Rigid

JACKET OPTIONS:

- FEP
- Low Smoke
- Semi-Rigid
- ETFE

Cable Details*



PhaseTrack® Family

Specifications

	Standard		Space		Low Smoke		Semi-Rigid	
Diameters (in)	0.066 min	0.315 max	0.066 min	0.332 max	0.200 min	0.600 max	0.047 min	0.141 max
Max. Frequency (GHz)	Up to 40 GHz		Up to 40 GHz		Up to 30 GHz		Up to 40 GHz	
Operating Temperature (°C)	-65 min	+150 max	-150 min	+150 max	-40 min	+85 max	-150 min	+125 max
Dielectric Material	TF4®		TF4®		TF5™		TF4®	
Jacket Material	FEP		ETFE		Low Toxicity Polyolefin		Bare Copper	

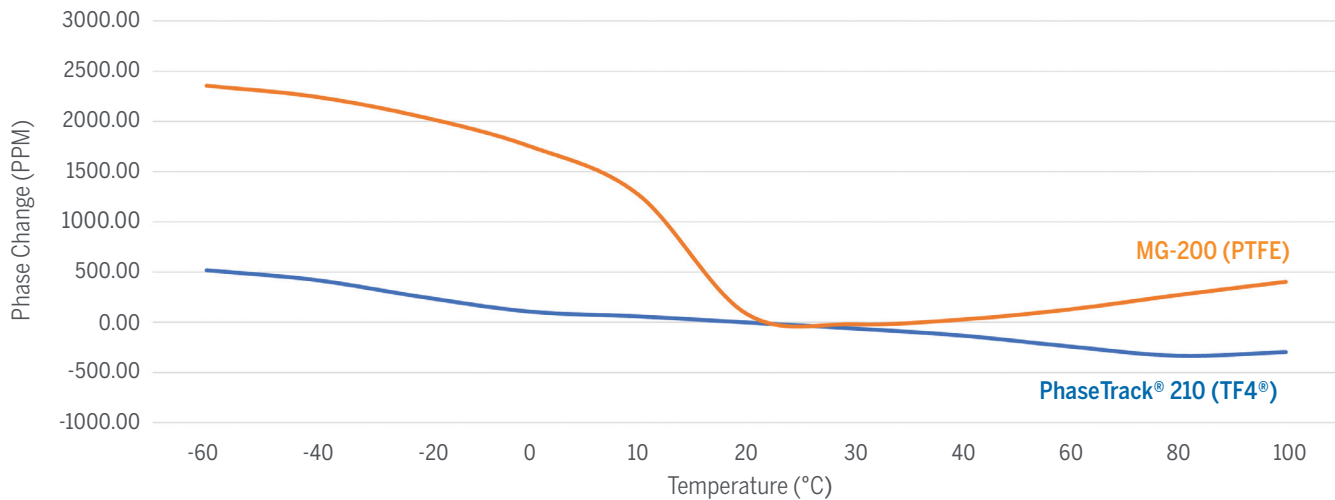
Application

	Standard	Space	Low Smoke	Semi-Rigid
Airframe	•	•	•	•
Satellite		•		•
Radar	•	•	•	•
Ground Communication		•	•	•
Shipboard and Naval			•	•
Test and Measurement	•			

Operating Environment

	Standard	Space	Low Smoke	Semi-Rigid
Dynamic (vibration, Shock, Flexure)			•	•
Wide Temperature Range	•	•	•	•
High Power Transfer Efficiency			•	
High-Density (Space Constrained)	•	•	•	•

Phase Change VS Temperature



* Contact us for Semi-Rigid diagram

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