

# TRITON MoCSY<sup>®</sup>7 Coaxial Cable Technology

Enhanced Layer of Foil Provides Superior Shielding Performance

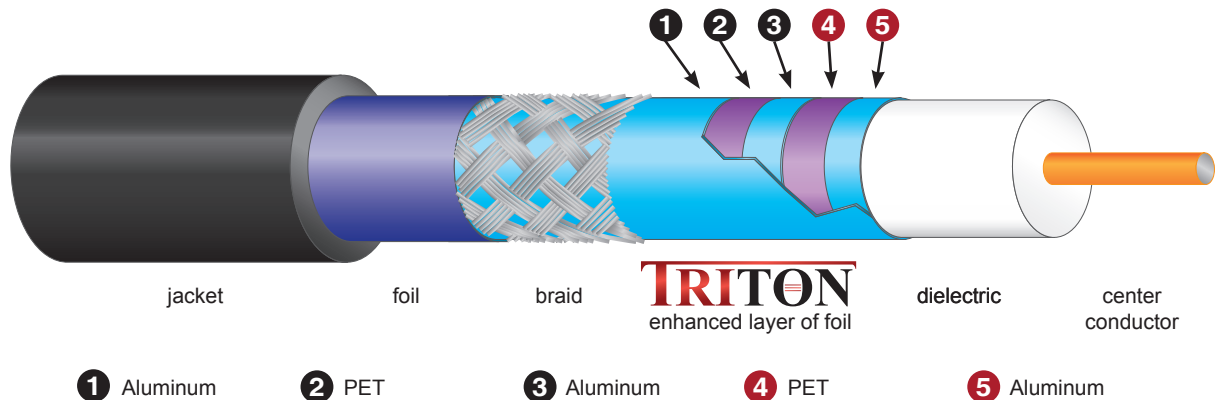


## TRITON Enhanced Layer of Foil

### CUTTING EDGE TECHNOLOGY

PCT's MoCSY<sup>®</sup>7 coaxial cable with TRITON technology is one of the most significant advances in the history of coaxial cable design! TRITON incorporates an enhanced foil layer, providing superior shielding performance without physically changing the cable's profile, promoting ease of installation.

The lifespan and durability of MoCSY7 cable is increased with TRITON - - important in all applications including harsh environments. With the enhanced layer of foil, TRITON provides a 20 db improvement in shielding after 10,000 flexes as compared to other manufacturers' cable.



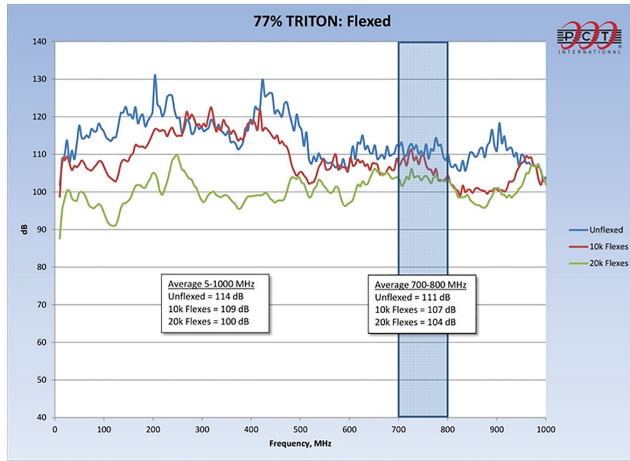
#### ADVANCED FEATURES

- ✓ **TRITON technology design**
  - Maintains superior shielding performance even after extensive and repeated flexing
  - Enhances service reliability
  - Increases network integrity
  - Extends cable peak performance standards over an extended service life
  - Patent pending
- ✓ **Product series**
  - RG6, RG59 and RG11
  - Bi-shield, tri-shield and quad-shield
- ✓ **Copper Guard**
  - Proprietary center conductor corrosion inhibitor
- ✓ **MoCA compatible**
- ✓ **RoHS compliant**

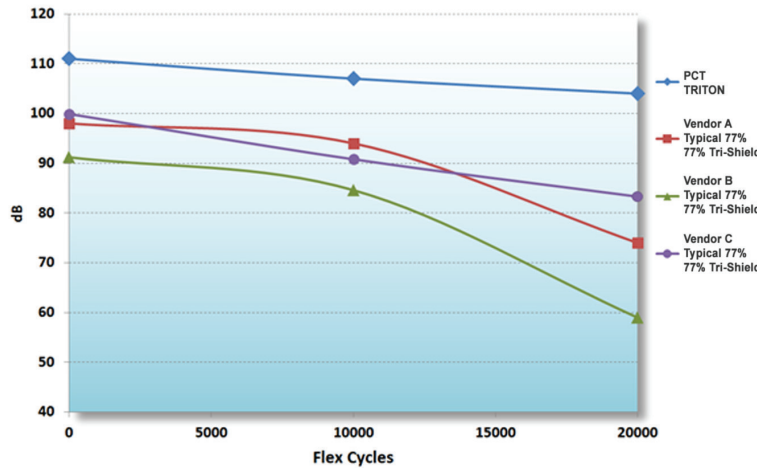
#### OPTIONAL FEATURES

- ✓ **Z-Wire<sup>®</sup> dry, anti-corrosion technology**
  - Patented dry, permanent coating on all outer cable shielding
  - Simple, clean installation without messy or greasy compounds
  - Enhances drop lifespan
- ✓ **1PreP<sup>®</sup> rapid preparation technology**
  - Eliminates step in cable preparation
  - Reduces preparation time
  - No need to change existing tools

See our MoCSY<sup>®</sup>7 Product Specification Sheets for a complete list of TRITON part numbers and ordering information.



**Shielding vs. Flex Life:**  
**77% Tri-Shield**  
**LTE Band 700-800 MHz**



**TESTING**

✓ **Flex Testing - 77% TRITON**

- Enhanced layer of shielding protection
- Maximum protection against extensive flexing
- Improves drop and system reliability while reducing operating costs
- Maintains standard physical profile for minimal insertion force

✓ **Shielding vs. Flex Life - TRITON vs. Competitors**

- Flexed per ANSI / SCTE 166
- Tested per ANSI / SCTE 48-3
- TRITON shows superior shielding effectiveness AFTER flexing versus competitors' standard cables
- Flexing shows significant loss of shielding as standard cables are flexed, especially in the LTE frequency range

										Description
A										MOCSY®7 subscriber access cable
AZ										MOCSY®7 subscriber access cable with Z-Wire® anti-corrosion protection
AT										MOCSY®7 TRITON enhanced base shield tape
ATZ										MOCSY®7 TRITON enhanced base shield tape with Z-Wire® anti-corrosion protection
	6									Series 6 cable
	11									Series 11 cable
	59									Series 59 cable
		60								60 % braid coverage
		67								67 % braid coverage
		77								77 % braid coverage
		90								90 % braid coverage
			TS							Tri-shield - tape, braid, tape
			QS							Quad-shield - tape, braid, tape, braid
				-BF						Bonded foil, PE jacket, flooding compound
				-BV						Bonded foil, PVC jacket
				-BVR						Bonded foil, PVC jacket, riser rated
				-BVV						Bonded foil, PVC jacket, UL CATV rated
					M					Messenger wire - available on BV and BVV constructions
						X				Jacketing - (leave blank) black, (N) neutral, (O) orange, (W) white
							1P			1PreP® rapid preparation technology - available with Tri-Shield
								-Y		Packaging : - (leave blank) 1000 ft reel - (S) 500 ft reel - (BOX) 1000 ft box - (RBX) Reel-in-box 1000 ft w/ frames - (RBX5) T-Pack 500 ft w/o frames - (R500) 500 ft MOGO refill

**MoCSY®7 COAXIAL CABLE PART NUMBERING SYSTEM**

- ✓ See our MoCSY®7 Product Specification Sheets for a complete list of TRITON part numbers and ordering information.