

HARDENING THE DROP™

# TRITON™

MOCSY®7 Coaxial Cable

## CUTTINGEDGE TECHNOLOGY

PCT's MOCSY®7 coaxial cable with TRITON™ technology incorporates an enhanced layer of foil to provide superior shielding performance while maintaining its physical profile and ease of installation.

MOCSY7 coaxial cable with TRITON technology is designed for extended use in 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.

## ADVANCEDFEATURES

### ■ Patent pending 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
- Simplifies installation

### ■ Product series includes:

- RG-6, RG-59, and RG-11
- Standard, tri-shield, and quad-shield

### ■ Available with PCT's Z-WIRE® dry, anti-corrosion technology:

- Patented dry, permanent coating on all outer cable shielding
- Center conductor corrosion inhibitor
- Simple, clean installation without messy or greasy compounds
- Enhances drop lifespan

### ■ RoHS compliant

### ■ MoCA compatible

PCT Presents  
the First  
Significant  
Coaxial Drop  
Cable Industry  
Innovation  
in over 10 Years!



Patent Pending and Patent No. 7,048,343



## SPECIFICATIONS

### General Specifications (Part Number HZ677TSBVV)

Braid Coverage \_\_\_\_\_ 77% braid  
 Cable Type \_\_\_\_\_ Series 6  
 Packaging \_\_\_\_\_ Reel

### Construction Materials

Jacket Material \_\_\_\_\_ PVC  
 Jacket Color \_\_\_\_\_ Black  
 Shield Materials \_\_\_\_\_ TRITON™ Z-Wire® bonded foil + 77% aluminum braid + Z-Wire® non-bonded foil  
 Dielectric Material \_\_\_\_\_ Foam PE  
 Inner Conductor Material \_\_\_\_\_ Copper-clad steel wire

### Dimensions

Cable Length \_\_\_\_\_ 1000 ft \_\_\_\_\_ 305 m  
 Diameter over Jacket \_\_\_\_\_ 0.273 in \_\_\_\_\_ 6.93 mm  
 Jacket thickness \_\_\_\_\_ 0.030 in \_\_\_\_\_ 0.76 mm  
 Diameter over Tape \_\_\_\_\_ 0.185 in \_\_\_\_\_ 4.70 mm  
 Diameter over Dielectric \_\_\_\_\_ 0.177 in \_\_\_\_\_ 4.49 mm  
 Diameter of Inner Conductor \_\_\_\_\_ 0.0403 in \_\_\_\_\_ 1.024 mm

Reel  
 Flange Diameter \_\_\_\_\_ 12 in \_\_\_\_\_ 310 mm  
 Hub Diameter \_\_\_\_\_ 4 in \_\_\_\_\_ 100 mm  
 Traverse Width \_\_\_\_\_ 11.8 in \_\_\_\_\_ 300 mm  
 Total Weight \_\_\_\_\_ 32 lb \_\_\_\_\_ 14.5 kg

### Electrical Specifications

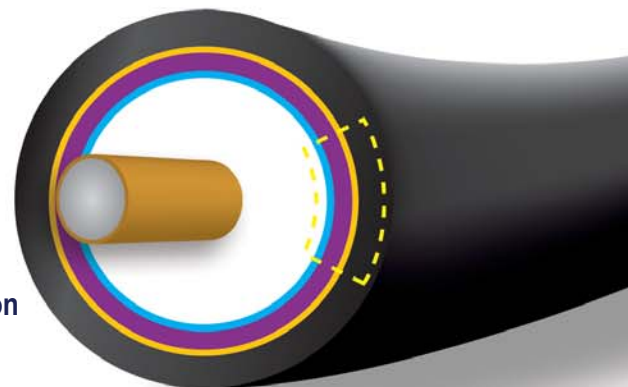
Operating Frequency Band \_\_\_\_\_ 5 to 1525 MHz  
 Impedance \_\_\_\_\_ 75 Ohms  
 Velocity \_\_\_\_\_ 85%  
 DC Loop Resistance \_\_\_\_\_ 38.4 Ω/kft \_\_\_\_\_ 126 Ω/km  
 Dielectric Strength \_\_\_\_\_ 1500 V  
 Jacket Spark Test \_\_\_\_\_ 2500 V

### Standard Compliance

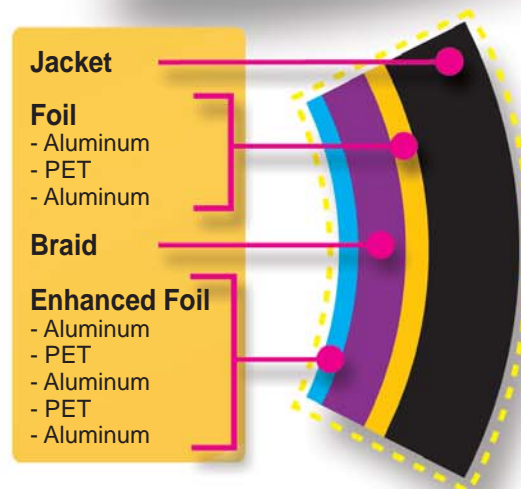
UL/ETL Listings \_\_\_\_\_ CATV, CM, NEC 830 BM  
 RoHS \_\_\_\_\_ Compliant  
 SCTE 74 2003 \_\_\_\_\_ Compliant

### Attenuation

Frequency MHz	dB/100 ft	dB/100 m
5	0.58	1.90
55	1.60	5.25
211	3.05	10.00
250	3.30	10.82
270	3.37	11.04
300	3.55	11.64
330	3.74	12.26
350	3.85	12.63
400	4.15	13.61
450	4.40	14.43
500	4.66	15.29
550	4.90	16.08
600	5.10	16.73
750	5.65	18.54
870	6.11	20.04
1000	6.55	21.49
1125	6.95	22.80
1525	8.09	26.54



- 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



## ORDERING INFORMATION

PART NUMBER .... DESCRIPTION (Coaxial Drop Cable, Reel)

### Standard

H660BF ..... TRITON™ RG6 Flooded, Black, NEC Rating BMU  
 HZ660BVM ..... TRITON™ Z-WIRE® RG6 Messenger, Black  
 HZ660BVV ..... TRITON™ Z-WIRE® RG6, Black, NEC Rating CATV  
 HZ660BVVW ..... TRITON™ Z-WIRE® RG6, White, NEC Rating, CATV

### Tri-Shield

H67TSBF ..... TRITON™ RG6 Flooded, Black, NEC Rating BMU  
 HZ67TSBVM ..... TRITON™ Z-WIRE® RG6 Messenger, Tri-Shield, Black  
 HZ67TSBVV ..... TRITON™ Z-WIRE® RG6, Black, NEC Rating CATV  
 HZ67TSBVVW ..... TRITON™ Z-WIRE® RG6, White, NEC Rating CATV

### Tri-Shield 77%

H677TSBF ..... TRITON™ RG6 Flooded, Black, NEC Rating BMU  
 HZ677TSBVM ..... TRITON™ Z-WIRE® RG6 Messenger, Tri-Shield, Black  
 HZ677TSBVV ..... TRITON™ Z-WIRE® RG6, Black, NEC Rating CATV  
 HZ677TSBVVW ..... TRITON™ Z-WIRE® RG6, White, NEC Rating CATV

Call 1.800.306.8948 for a complete list of part numbers and additional details.



Patent Pending and Patent No. 7,048,343  
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