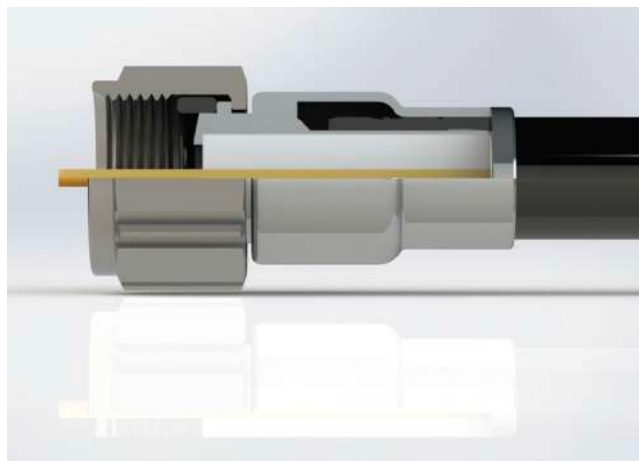


### TrueDrop™ Jumper: Meet Our Next Generation of Solutions Upgraded to Deliver World Class Performance

Our RG59 and RG6 drop jumpers have been enhanced with the latest innovation - round crimp, factory-installable interfaces for secure, dependable connections. They are now part of the Cabelcon TrueDrop connector family that features breakthrough technology to reduce network noise, improve ease and use and optimise performance.







#### Design Updates:

- New body and improved crimp technology for minimal transfer impedance
- Self-centered mating surfaces deliver 360-degree electrical contact and endure a proper fit in a variety of connectors
- F-nuts with finger-friendly design and larger thread engagement areas that compensates for varying threads to ensure strong mechanical contact
- Larger conical mating surfaces for better alignment and improved port mating
- Optional Wing Nut for FM RG59 application available, tool less installation/finger-tightening







#### Benefits:

- Improved fit, reducing risk of loose F connectors - the conical interface creates a more secure mechanical connection that results in reduced resistance and high torque
- Less maintenance calls - the superior fit guards against loose F connectors and delivers enhanced ingress, noise and moisture protection
- Seals remain intact for easier repeat installation
- Space savings - short connector
- Reduced need for right-aligned connectors due to space savings
- Cable flexibility ensures optimal patch management

**Cable Attributes Specifications**

Technical Data	F Male RG6 A++	F male RG59 A++	F Male SpringConnect RG59 A++	F Male Wing Nut RG59 A++
<b>Features:</b>	<ul style="list-style-type: none"> <li>Conical Interface</li> <li>O-Ring</li> <li>Grooved Nut</li> <li>Enhanced Compression Technology</li> <li>Support Sleeve: Dielectric Stop and Contact Heel</li> <li>Enhanced F Nut Thread</li> </ul>			
				
Transfer impedance (CoMet) 5-30 Mhz	Class A++	Class A++	Class A++	Class A++
Screening attenuation (CoMet) 30-3.000 Mhz	Class A++	Class A++	Class A++	Class A++
Intermodulation 3rd order @ 2 x 20 dBm	< -160 dBc	< -160 dBc	< -160 dBc	< -160 dBc
Sealing Test (IEC IP-code)	IP X8 1m/24 hr			
Return Loss @ 1.0 GHz	< -23 dB	< -25 dB	< -23dB	< -25 dB
Return Loss @ 2.0 GHz	< -22 dB	< -23 dB	< -20dB	< -23 dB
Return Loss @ 3.0 GHz	< -22 dB	< -19 dB	< -16dB	< -19 dB
Insertion Loss @ 1.0 GHz	< -0.10 dB	< -0.13 dB	< -0.12 dB	< -0.13 dB
Insertion Loss @ 2.0 GHz	< -0.10 dB	< -0.14 dB	< -0.13 dB	< -0.14 dB
Insertion Loss @ 3.0 GHz	< -0.12 dB	< -0.18 dB	< -0.16 dB	< -0.18 dB
Maximum Tensile Strength	> 38 Kgf; >373 N	>30 Kgf >324 N	>30 Kgf >294 N	>30 Kgf >324 N

**TrueDrop Jumper Cable Attributes**

Cable Types	Center Conductor	Insulation	1.Screen	2.Screen	3.Screen	Jacket	Transfer impedance	Shielding	Photo
RG59 Black PVC	Solid Hard Copper	Gas Injected	Bonded	Tinned Copper	Bonded	PVC Black	A+ and A++ available	A+ and A++ available	
	Diameter 0.81 mm	Foam PE	AL-Pet-foil	Wire 70%	AL-Pet-foil	Diameter 5.6 mm			
RG59 White HFFR-Dca	Solid Hard Copper	Gas Injected	Bonded	Tinned Copper	Bonded	HFFR White	A+ and A++ available	A+ and A++ available	
	Diameter 0.81 mm	Foam PE	AL-Pet-foil	Wire 70%	AL-Pet-foil	Diameter 5.6 mm			
RG59 White PVC	Solid Hard Copper	Gas Injected	Bonded	Tinned Copper	Bonded	PVC White	A+ and A++ available	A+ and A++ available	
	Diameter 0.81 mm	Foam PE	AL-Pet-foil	Wire 70%	AL-Pet-foil	Diameter 5.6 mm			
RG6 Black PVC	Solid Copper	Gas Injected	Bonded	Tinned Copper	Bonded	PVC Black	A+ and A++ available	A+ and A++ available	
	Diameter 1.02 mm	Foam PE	AL-Pet-foil	Wire 68%	AL-Pet-foil	Diameter 6.6 mm			
RG6 White PVC	Solid Copper	Gas Injected	Bonded	Tinned Copper	Bonded	PVC White	A+ and A++ available	A+ and A++ available	
	Diameter 1.02 mm	Foam PE	AL-Pet-foil	Wire 68%	AL-Pet-foil	Diameter 6.6 mm			
RG6Cu Black PVC	Solid Copper	Gas Injected	Bonded	Annealed Copper	Not Bonded	PVC Black	A+ and A++ available	A+ and A++ available	
	Diameter 1.02 mm	Foam PE	CuPet foil	Wire 70%	CuPet foil	Diameter 6.6 mm			

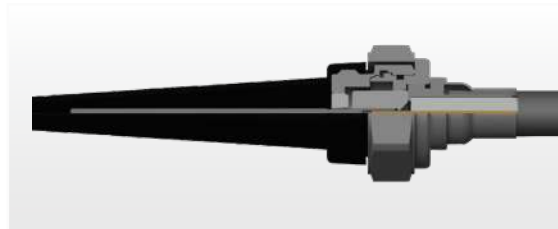
## Features and Value Prop:

- High power handling
- Improved design and cable size
- Enhanced connection system on inner/outer conductor, reduces risk of noise/IMD in the network
- Maximum possible A++ shielding
- Connector cannot rotate

- High contact surface
- Unable to have water penetration even after years of installation
- One of the most flexible jumpers on the market
- Designed for installation in tight spaces
- Available for 0.3 m to 10 m
- Soldered innerconductor for stable performance over time



3.5/12 Male Cross Section



5/8 Male Cross Section



TrueHybrid Jumper

Technical Data (average value)	3.5/12 Male	3.5/12 Female	5/8 Male swivel PG11 Male	5/8 Female	F Male	IEC Male
Transfer impedance (CoMet) 5-30 Mhz	A++	A++	A++	A++	A++	A++
Screening attenuation (CoMet) 30-3000 Mhz	A++	A++	A++	A++	A++	A++
Intermodulation 3rd order @ 2x 30 dBm	-150 dBc	-150 dBc	-150 dBc	-150 dBc	-130 dBc	-150 dBc
Amp. Rating @ 10 / 20 degree C increase	12A / 17A	12A / 17A	12A / 17A	12A / 17A	5A / 7A	8A / 11A
Sealing Test (IEC IP-code)	IP X8 30m / 8 hr	IP X8 30m / 8 hr	IP X8 30m / 8 hr	IP X8 30m / 8 hr	IP X8 30m / 8 hr	IP X8 30m / 8 hr
Return Loss 5-1.000 MHz (0.6m jumper)	-30 dB	-30 dB	-30 dB	-30 dB	-30 dB	-25 dB
Return Loss 1.000-2.000 MHz (0.6m jumper)	-25 dB	-25 dB	-25 dB	-25 dB	-25 dB	-20 dB
Return Loss 2.000-2.000 MHz (0.6m jumper)	-20 dB	-20 dB	-20 dB	-20 dB	-20 dB	-15 dB
Insertion Loss 5-1.000 MHz (0.6m jumper)	-0,25 dB	-0,25 dB	-0,25 dB	-0,25 dB	-0,25 dB	-0,25 dB
Insertion Loss 1.000-2.000 MHz (0.6m jumper)	-0,35 dB	-0,35 dB	-0,35 dB	-0,35 dB	-0,35 dB	-0,35 dB
Insertion Loss 2.000-3.000 MHz (0.6m jumper)	-0,45 dB	-0,45 dB	-0,45 dB	-0,45 dB	-0,45 dB	-0,45 dB
Maximum Tensile Strength	30 Kgf	30 Kgf	30 Kgf	30 Kgf	30 Kgf	30 Kgf

For more accurate data on a specific jumper, please check the data sheet for that application.

TrueHybrid Jumper Cable Attributes									
Cable Types	Center Conductor	Insulation	1.Screen	2.Screen	3.Screen	Jacket	Transfer impedance	Shielding	Photo
RG7Cu Black PVC	Solid Copper	Gas Injected	Bonded	Annealed Copper	Not Bonded	PVC Black	Class A++	Class A++	
	Diameter 1.21 mm	Foam PE	CuPet foil	Wire 69%	CuPet foil	Diameter 8.2 mm	Class A++	Class A++	