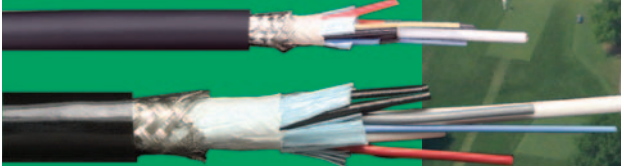


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broadcast

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Mohawk offers a complete line of ruggedized cables to suit whatever broadcast application you may have. Whether your venue requires fiber, SMPTE HD or Triax, we have a product that will give you the extra durability you need. Mohawk offers bulk cable and assemblies utilizing the highest quality components available to the broadcast industry.



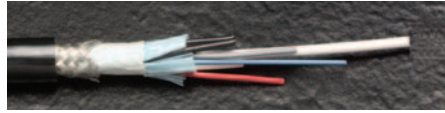
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Mohawk's complete line of durable cables feature:

SMPT E HDTV Cables The durable polyurethane jacket used on these cables makes them extremely abrasion resistant and will hold up in extreme environment conditions. Mohawk's new TFC cable includes individually protected and jacketed fibers which makes this cable even more robust. These special fiber/copper composite cables consist of two Single-Mode optical fibers, four 20 AWG and two 24 AWG tinned copper conductors. These are cabled around a jacketed stranded steel strength element with an overall tinned copper braid and a rugged polyurethane jacket.

Harsh Environment Outdoor Cables



Mohawk Part Number	Nominal OD		Weight		Min. Bend Radius		Max Load (Installation)		Optical Attenuation dB/km	Jacket
	inch	mm	lbs/M'	kg/km	inch	cm	lbs	Newtons		
M96818	.362	9.2	82	122	2.5	6.0	160	710	0.80 Max	Polyurethane
M98419	.406	10.3	98	144	3.25	8.3	160	710	0.80 Max	Polyurethane

The above cables are available as assemblies using rugged stainless steel LEMO connectors with protective full-body boots.

Video Triax Cables Formulated with a special polyurethane jacket, these triax cables will handle everyday use better than the typical PVC jacket cables offered by other manufacturers. The special jacket delivers extra protection and abrasion resistance while remaining extremely flexible. The cables are constructed with a solid or stranded center conductor and two isolated shields. The center conductor and inner isolated shield make up the coaxial cable configuration that functions to carry the video signal. The outer shield can be used for several separate signals by means of multiplexing.



Mohawk Part Number	AWG (stranding) Nom DCR	Dielectric Type Nominal OD		Shield Type	Nominal OD		Nom Imp ohms	Nominal Capacitance		Nom Attenuation			Weight		Suggested Connector & Tooling
		inch	mm		inch	mm		pF/ft	pF/m	freq MHz	dB 100 ft	dB 100 m	lbs/M'	kg/km	
M80248 UL AWM/10296 3/8" Triax RG-59/U Type	20 (Solid) .032 Bare Copper 10.1 Ω/M' 33.1 Ω/km	.146	3.71	2 BC - Inner 2.5 Ω/M' 8.3 Ω/km Outer 1.6 Ω/M' 5.3 Ω/km 95% Shield Coverage	.355	9.02	75	16.2	53.2	1	.3	.98	85	126	<i>Connector:</i> Kings Female 7703-2 Kings Male 7705-2 <i>Tooling:</i> Kings KTH-1000 Tool Kings KTH-2002 Die
M52479 UL AWM/10296 1/2" Triax RG-11/U Type	14 (19x27) .064 Bare Copper 3.1 Ω/M' 10.2 Ω/km	.312	7.92	2 BC - Inner 1.8 Ω/M' 5.9 Ω/km Outer 1.4 Ω/M' 4.6 Ω/km 95% Shield Coverage	.510	12.95	75	17.3	56.8	1	.14	.46	158	235	<i>Connector:</i> Kings Female 7703-3 Kings Male 7705-3 <i>Tooling:</i> Kings KTH-1000 Tool Kings KTH-2041 Die

The above cables are available as assemblies using Kings, Fischer and LEMO Connectors. Kings are also available with protective full-body boots.

Fiber Tactical Cable These cables have a durable design for repeated handling and have a superior level of crush resistance. They are designed to military standards with an extremely rugged jacket. Generally used for ENG vehicles, outdoor events and re-deployable communications. Available in Single-Mode (listed below) and Multimode fiber counts.



Mohawk Part Number	Fiber Count	Nominal OD		Weight		Min. Bend Radius		Max Load Installation			
		inch	mm	lbs/M'	kg/km	Short Term inch	Long Term cm	lbs	Newtons		
M96566	2	.210	5.3	19	28	3.2	8.3	1.7	4.3	330	1468
M96639	4	.225	5.7	19	28	3.4	8.6	1.8	4.6	330	1468
M96567	6	.240	6.1	24	36	3.6	9.1	1.9	4.8	330	1468
M96568	8	.250	6.3	26	39	3.8	9.7	2.5	6.4	330	1468
M96569	10	.265	6.7	28	42	4.0	10.2	2.7	6.9	330	1468
M96570	12	.255	6.5	24	36	3.8	9.7	2.0	5.1	330	1468

The above cables are available as assemblies using LC, SC, ST and various other connectors.

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