

Triaxial Camera Cable

Event[®] install

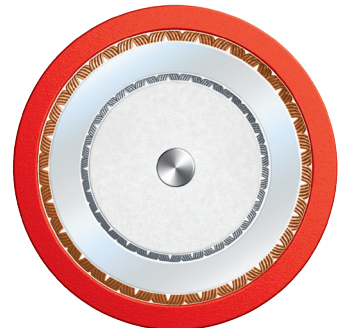


Application

Event Series[®] Triaxial Camera cables for use in professional studio applications for the simultaneous transmission of power and multiplex image signals between a camera and it's control unit. The different conductor and sheath types available makes this range suitable for every environment whether it be outside or in a studio.

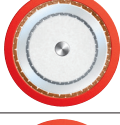
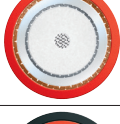
Cable Design

Inner Conductor.....	Silver Plated Copper Wire
Dielectric	Foam Polyethylene
1 ° Braid.....	Silvered Copper Wire
1 ° Sheath.....	Low Density Polyethylene
Tape.....	Non-Migrating Polyester Tape
2 ° Braid.....	Plain Copper Wire
Sheath	see specification table



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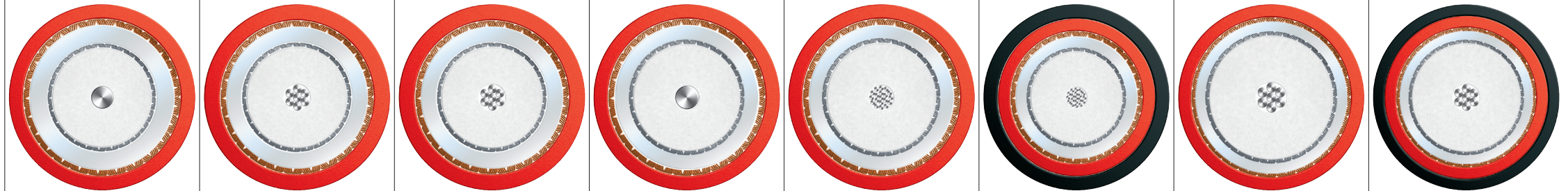
Specification

Cross Section	Type	Outer Jacket	Part Number	Colour
	Fixed Installation	LSZH	TX8H-04	Red
	Flexible Application	LSZH	TX8HF-04	Red
	Flexible Application	PUR	TX8HFPUR	Red
	Fixed Installation	LSZH	TX11H-04	Red
	Flexible Application	LSZH	TX11HF-04	Red
	Outdoor Applications	HDPE	TX11FHDPE	Black
	Flexible Application	LSZH	TX14HF-04	Red
	Outdoor Applications	HDPE	TX14FHDPE	Black

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Abbreviations

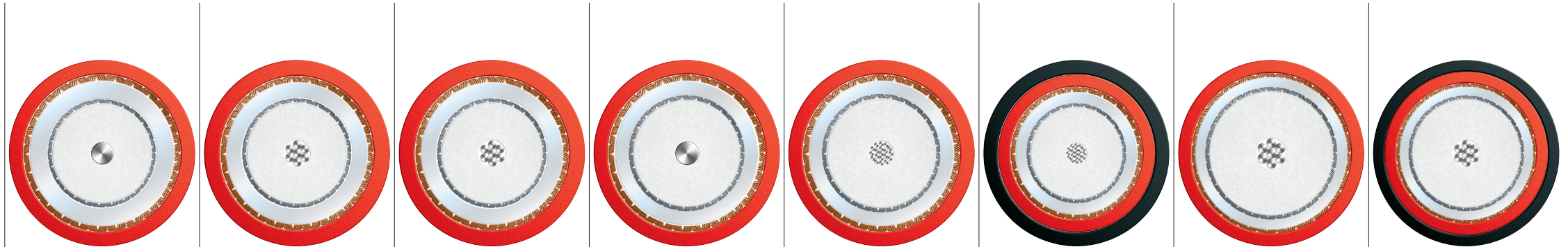
SPC - Silver Plated Copper
CU - Plain Copper
PEE - Foam Polyethylene
PE - Polyethylene
LSZH - Low Smoke Zero Halogen
PUR - Polyurethane
HDPE - High Density Polyethylene



Part Number		TX8H-04	TX8HF-04	TX8HFPUR	TX11H-04	TX11HF-04	TX11FHDPE	TX14HF-04	TX14FHDPE
Conductor	Type	SPC	SPC	SPC	SPC	SPC	SPC	SPC	SPC
	Ø mm	1/1,0	7/0,40	7/0,40	1/1,40	19/0,28	19/0,28	7/0,75	7/0,75
Dielectric	Type	PEE	PEE	PEE	PEE	PEE	PEE	PEE	PEE
	Ø mm	4,50	4,70	4,71	6,40	6,50	6,51	9,7	9,7
Screen	Type	SPC	SPC	SPC	SPC	SPC	SPC	SPC	SPC
	Coverage	95%	94%	94%	92%	92%	92%	79%	79%
Sheath	Type	PE	PE	PE	PE	PE	PE	PE	PE
	Ø mm	6,60	6,60	6,61	8,60	8,70	8,71	11,9	11,9
Screen	Type	CU	CU	CU	CU	CU	CU	CU	CU
	Coverage	94%	94%	94%	92%	92%	92%	78%	78%
Sheath	Type	LSZH	LSZH	PUR	LSZH	LSZH	LSZH	LSZH	LSZH
	Ø mm	8,50	8,70	8,71	11,00	11,00	11,00	14,5	14,5
Secondary	Type	-	-	-	-	-	HDPE	-	HDPE
Sheath	Ø mm	-	-	-	-	-	13,0	-	16,5

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Electrical Characteristics



Part Number		TX8H-04	TX8HF-04	TX8HFPUR	TX11H-04	TX11HF-04	TX11FHDPE	TX14HF-04	TX14FHDPE
Impedance [Ohm]		75	75	75	75	75	75	75	75
Velocity Ratio [%]		80	80	80	80	80	80	80	80
Capacitance [pF/m]		56	56	56	56	56	56	56	56
Attenuation [dB/100m]	50 MHz	5,2	5,2	5,3	3,7	4,4	4,5	2,6	2,6
	100 MHz	7,6	7,7	7,8	5,4	6,2	6,3	3,8	3,8
	200 MHz	10,8	10,9	10,10	8,2	9,1	9,2	-	-
	400 MHz	16,0	16,3	16,4	12,1	13,3	13,4	-	-
	800 MHz	24,1	24,5	24,6	18,3	19,9	19,10	-	-
	1000 MHz	28,0	28,5	28,5	20,6	22,4	22,4	12,8	12,8
Structural Return Loss [dB]	30-300 MHz	>30	>27	>27	>30	>28	>28	>28	>28
	300-600 MHz	>29	>23	>23	>28	>25	>25	>26	>26
	600-900 MHz	>28	>20	>20	>26	>23	>23	>22	>22
	2000-3000 MHz	-	-	-	-	-	-	>18	>18
Screen. effect. [dB]	100-900 MHz	>70	>70	>70	>70	>70	>70	>75	>75