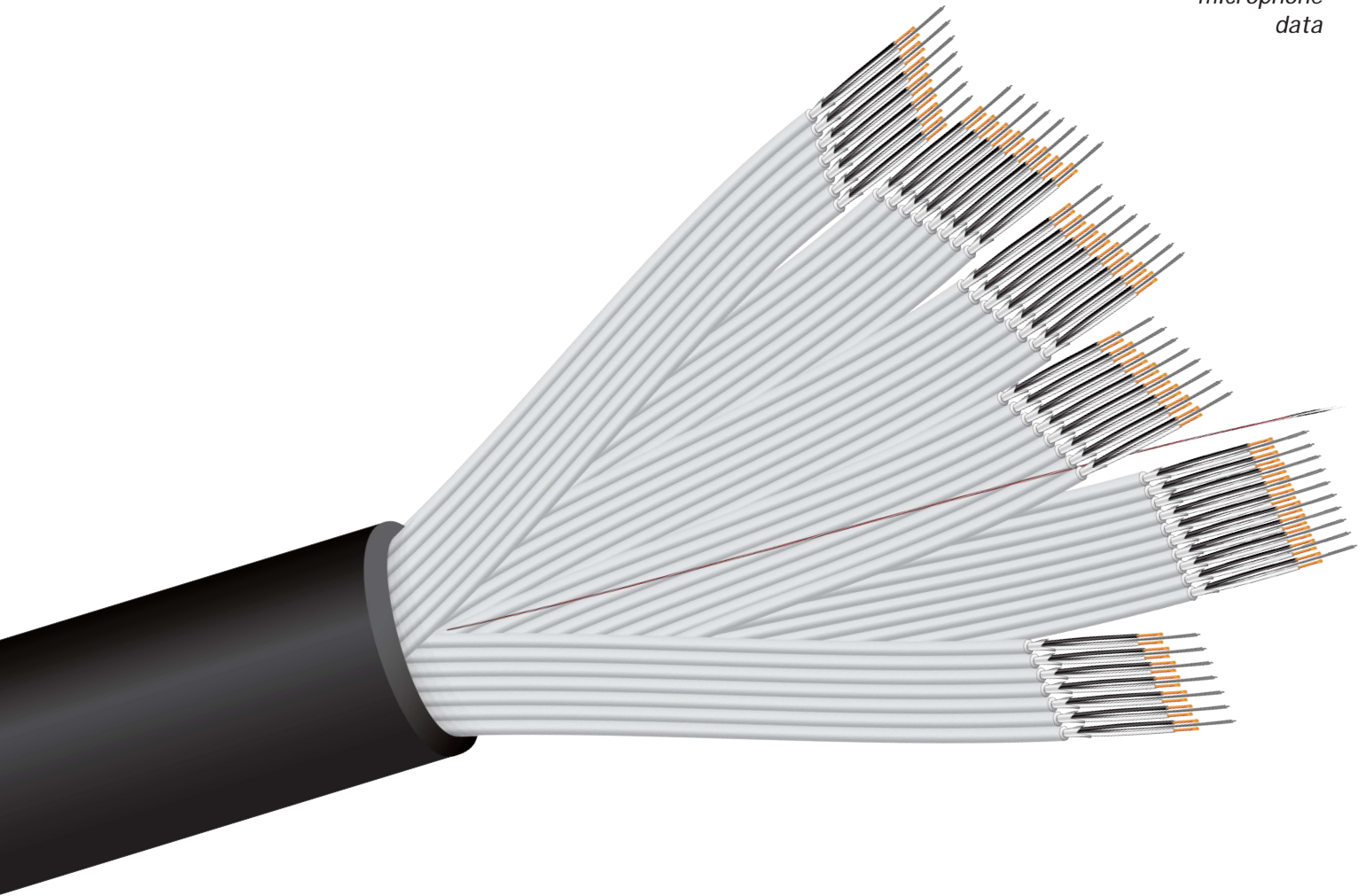




# ATM-48-ES

*touring  
installation  
analogue  
microphone  
data*



The ATM series from Kelsey is a range of individually jacketed multipairs designed for analogue transmission. The rugged, hardwearing outer jacket is ideally suited to touring use, with clearly numbered cores and an Easy-Strip pair jacket for fast wiring.

Easy-Strip technology enables both jacket and foil screen to be stripped in one action, cutting wiring time significantly. As the jacket is applied under high-pressure, simultaneous back-pressure under the foil creates excellent adhesion, at the same time stopping the foil collapsing onto the conductors. This strong bond also ensures excellent conductivity between the foil screen and drain wire, essential for effective interference screening.

ATM-48-ES offers outstanding analogue performance over distance, ideal for stage and touring use.



DISTRIBUTED BY FUZION PLC

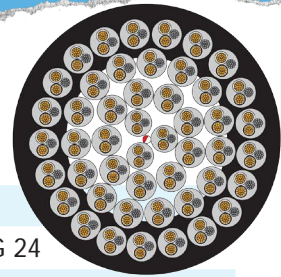
9 LYON ROAD, WALTON ON THAMES, SURREY KT12 3PU

T: +44 1932 88 22 22

WWW.FUZION.CO.UK



# ATM-48-ES



## SPECIFICATIONS

<b>Conductors</b>	<b>Material</b>	Stranded oxygen-free copper
	<b>Size</b>	28 * 0.10mm (0.22mm <sup>2</sup> ) AWG 24
<b>Insulation</b>	<b>Material</b>	PE (2Y)
	<b>Diameter</b>	1.10mm +/- 0.05mm
	<b>Colour</b>	Black, White
	<b>Twisting</b>	2 cores to a pair, twisted
<b>Pair Jacket</b>	<b>Material</b>	PVC
	<b>Colour</b>	Grey, RAL 7032
	<b>Shorehardness (A)</b>	78 +/-3
<b>Screen</b>	<b>Shield</b>	Alu/PVC foil, metal inside
	<b>Drain Wire</b>	Tin-plated stranded oxygen-free copper
	<b>Drain Wire Size</b>	19 * 0.127mm (0.24mm <sup>2</sup> ) AWG 24
<b>Outer Jacket</b>	<b>Material</b>	Soft PVC
	<b>Colour</b>	Black, matt finish, RAL 9005
	<b>Overall Diameter</b>	26.8mm +/-0.90mm
	<b>Shorehardness (A)</b>	65 +/-3
	<b>Bend Radius</b>	321.6mm
	<b>Weight kg/metre</b>	0.91
	<b>Main Laying</b>	Centre: 3 shielded pairs Lay 1: 9 shielded pairs Lay 2: 15 shielded pairs Lay 3: 21 shielded pairs
	<b>Drum Sizes</b>	100m, cut lengths
	<b>Order Code</b>	KC.ATM-48-ES
	<b>Technical Data</b>	<b>Test Voltage</b>
C/S: 0.8kV		
at 50Hz, effective for 1 minute		
<b>Insulation Resistance Min:</b>		20M Ohm/Km at 20°C
<b>Conductor Resistance Max:</b>		85 Ohm/Km at 20°C
<b>Temperature Rating</b>		Static: -30°C to +70°C
		Operating: -10°C to +70°C
<b>Capacitance</b>		C/C: 80pF/m @ 1kHz
		C/S: 170pF/m @ 1kHz
<b>Impedance</b>		72 Ohm
<b>Operating Voltage</b>	Max: 50/75V AC/DC	
	RoHS Compliant	
<b>Printing Detail</b>	ATM "EASY STRIP" ANALOGUE 48-PAIR MULTICORE	

E & OE, specifications and design subject to change without notice



DISTRIBUTED BY FUZION PLC

9 LYON ROAD, WALTON ON THAMES, SURREY KT12 3PU

T: +44 1932 88 22 22

WWW.FUZION.CO.UK