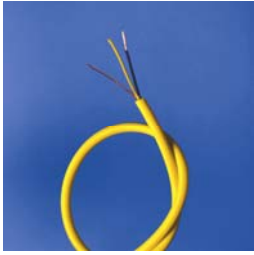
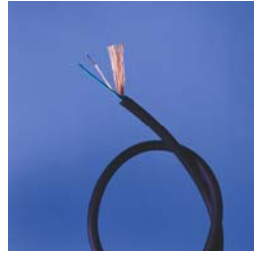


connectronics cable specification sheet



MUSIFLEX

Jacket: Soft PVC. **Overall diameter:** 6.5mm ±5%
Shield: Conductive thermoplastic
Drain wire: 30/0.12mm (0.35mm²) copper wire
Conductors: 2 x 30/0.12mm (0.35mm²) copper wire, polyethylene insulated
Capacitance Between conductors: 70pF/m, conductor to shield 128pF/m
DC resistance: 0.0517ohms/m @ 20°C
Reel length: 100m; **Weight:** 5kg/100m
Colours: Black, blue, brown, green, grey, orange, purple, red, white, yellow



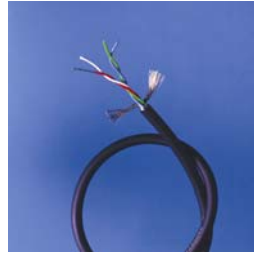
MICFLEX

Jacket: Ultra-soft flexible PVC
Shield: 96/0.12mm copper, spiral lapped, 99% coverage; **Insulation:** 1.40mm XLPE
Protection: Fibre fillers and woven tape for added mechanical strength
Conductors: 2 x 40/0.08mm (24AWG) copper
Capacitance: 67.0 pF/m @ 1kHz Nominal
DC resistance: 0.103ohms/m @ 20°C
Overall diameter: 6.3mm (+/-0.15mm)
Reel length: 100m; **Weight:** 5.0kg/100m
Colour: Black



MICFLEX 2020

Jacket: Ultra-soft flexible PVC
Shield: 0.127mm copper spiral lapped, 95% coverage.
Insulation: 1.27mm polyethylene
Protection: Cotton fillers for added mechanical strength
Conductors: 2 x 25/0.1mm (20AWG) copper
Capacitance: 66.0 pF/m @ 1kHz Nominal
DC resistance: 0.090ohms/m @ 20°C
Overall diameter: 5.85mm (+/-0.15mm)
Reel length: 100m; **Weight:** 4.1kg/100m
Colour: Black



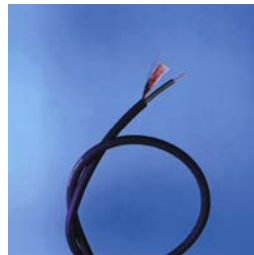
QUADFLEX

Jacket: Soft PVC, overall diameter: 6.5mm ±5%
Shields: 0.127mm tinned copper wire, double helical (Reusen) type
Conductors: 4 x 19/0.127mm (0.24mm²) tinned copper wire, LDPE insulated
Capacitance Between conductors: 52pF/m, conductor to shield 107pF/m
DC resistance: 0.0785ohms/m @ 20°C Reel length 100m and 300m
Weight: 6.5kg/100m; **Colour:** Black



DIGIFLEX

Jacket: 6.3mm diameter, ultra-soft flexible PVC
Shield: 96/0.12mm copper, spiral lapped - 99% coverage; **Insulation:** XLPE, 1.40mm diameter, blue/white; **Protection:** Fibre fillers and woven tape for added mechanical strength
Conductors: 2 x 40/0.08mm (24AWG) copper
Capacitance: 67pF/m @ 1 kHz
DC resistance: 0.103ohms/m @ 20°C
Nominal Impedance: 110W @ 1 kHz - AES/EBU standard; **Reel length:** 100m; **Weight:** 5kg/100m.
Colour: Black



ROCKFLEX

Jacket: 6.25mm, ultra soft flexible PVC
Conductor: 30/0.12mm (22AWG) copper
Insulation: FPE, 3.0mm diameter
Shield 1: Conductive thermoplastic tube - 100% coverage
Shield 2: 96/0.12mm copper, spiral lapped - 99% coverage
DC Resistance: 0.062ohms/m @ 20°C
Capacitance: 65.5pF/m @ 1kHz
Reel length: 100m; **Weight:** 4.7kg/100m
Colour: Black



SPEAKERFLEX 150

Jacket: PVC
Overall diameter: 8.2mm nominal
Conductors: 2 x 30/0.25mm (1.50mm²) PVC insulated
Working voltage: 300V (500V between conductors)
Loop resistance: 2.48ohms/100m
Reel length: 100m and 300m
Weight: 8kg/100m
Colour: Black



SPEAKERFLEX 250

Jacket: PVC
Overall diameter: 9.9mm nominal
Conductors: 2 x 50/0.25mm (2.50mm²) PVC insulated
Working voltage: 300V (500V between conductors)
Loop resistance: 1.46ohms/100m
Reel length: 100m
Weight: 13kg/100m
Colour: Black



SPEAKERFLEX 400

Jacket: PVC
Overall diameter: 10.7mm nominal
Conductors: 2 x 77/0.25mm (4.0mm²)
Working voltage: 300V (500V between conductors)
Loop resistance: 0.495ohms/100m
Reel length: 100m
Weight: 19kg/100m
Colour: Black



SPEAKERFLEX 250/4 • 250/8

Jacket: PVC
Overall diameter: 250/4 - 11.3mm; 250/8 - 14.7mm
Conductors: 4 & 8 x 50/0.25mm (2.50mm²) PVC insulated
Working voltage: 300V (500V between conductors)
Loop resistance: 1.46ohms/100m
Reel length: 100m and 300m
Weight: 19kg/100m (250/4); 37kg/100m (250/8)
Colour: Black



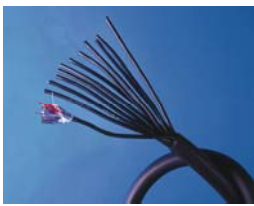
MINIFLOW

Jacket: PVC; **Overall Diameter:** 3.2mm nominal
Conductors: 7 x 0.203mm (0.23mm²) tinned copper wire, PVC insulated; **Shield:** Aluminium foil
Drain Wire: 7/0.203mm tinned copper wire
Capacitance Between Conductors: 120pF/m, conductors to shield 220pF/m
DC Resistance: 0.086ohms/m @ 20°C
Working Voltage: 300V (600V between conductors)
Reel length: 100m
Weight: 2.5kg/100m; **Colours:** Black, red, blue



STUDIFLEX

Jacket: PVC; **Overall diameter:** 3.90mm nominal (Studiflex Regular); 5.00mm nominal (Studiflex TJ)
Shield: Conductive Thermoplastic
Conductors: 7/0.203mm (0.23mm²) tinned copper wire, PVC insulated; **Capacitance:** Between conductors: 120pF/m; Conductor to shield: 220pF/m
DC resistance: 86ohms/km; **Reel length:** 100m
Weight: 2.8kg/100m (Studiflex Regular); 3.8kg/100m (Studiflex TJ); **Colours:** Studiflex Regular: black, blue, green, red; Studiflex TJ: black



ULTRAFLEX

Type	Diameter (mm)	Weight (kg/100m)
4-Pair	9.60	8.80
8-Pair	12.20	16.00
12-Pair	14.30	21.00
16-Pair	16.30	27.00
24-Pair	20.30	41.00
32-Pair	22.10	51.00



ULTRAFLOW

Type	Diameter (mm)	Weight (kg/100m)
2-Pair	5.40	4.50
6-Pair	8.60	8.00
12-Pair	10.90	15.50
16-Pair	13.00	21.60
20-Pair	14.10	25.30
32-Pair	17.25	40.20

Ultraflex Multicore Specification (per pair)

Jacket: 2.7mm diameter, ultra-soft flexible PVC; **Shield:** Aluminium Foil
Insulation: XLPE 1mm nominal OD; **Conductors:** 2 x 40/0.08mm (24AWG) copper
Capacitance: 87pF/m core to core; **DC resistance:** 0.092ohms/m @ 20°C
Reel Length: 100m & 300m (in up to 20-pair); **Colour:** Black

Ultraflow Multicore Specification (per pair)

Jacket: Black PVC 70°C; **Nominal radial thickness:** 2, 6 and 12-pair = 1.0mm; others = 1.2mm; **Conductors:** 7/0.203mm (0.23mm²) tinned copper wire, PVC insulated 80°C; **Shield:** Aluminium foil; **Drain Wire:** 7/0.203mm tinned copper wire
Capacitance Between Conductors: 120pF/m, conductors to shield 220pF/m
DC Resistance: 0.086ohms/m @ 20°C; **Working Voltage:** 300V (600V between conductors); **Reel length:** 100m and 300m (in up to 20-pair); **Colour:** Black