

DATA SHEET



USB 2.0 A to Micro-B Cable M/M

Charge or transfer data between a portable Micro-USB device and a USB port on a computer or other USB mobile device

OVERVIEW

The USB 2.0 A to Micro-B cable provides reliable connectivity for devices like smartphones, tablets and PC peripherals. This cable is ideal for charging Android phones and transmitting data at speeds up to 480 Mbps. The connections are plug and play, making it the perfect cable for travel or while on the go.

FEATURES

- Data transfer speeds up to 480 Mbps
- Perfect replacement or spare cable

ITEM DESCRIPTION

27441	1ft USB 2.0 A to Micro-B Cable M/M - White (0.3m)
27442	3ft USB 2.0 A to Micro-B Cable M/M - White (0.9m)
27443	6ft USB 2.0 A to Micro-B Cable M/M - White (1.8m)
27423	1ft USB 2.0 A Male to Micro-USB B Male Cable - Black (0.3m)
27364	1m USB 2.0 A Male to Micro-USB B Male Cable - Black (3.3ft)
27365	3m USB 2.0 A Male to Micro-USB B Male Cable - Black (9.8ft)
27395	15FT USB 2.0 A Male to Micro-USB B Male Cable - Black (4.6m)

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SPECIFICATIONS: USB 2.0 A to Micro-B Cable M/M

ELECTRICAL SPECIFICATIONS:

- Voltage Rating: 30V
- Conductor Resistance: at 20°C Max
- 28 AWG: 232[OHM]/km; 24 AWG: 93.25[OHM]/km
- Insulation Resistance: 10M[OHM]/km min at 20°C dc 500V
- Time Delay: 5.2ns/m(Max)
- Impedance: 90±15%[OHM]
- Propagation Delay Skew: 100ps (Full-/High-Speed only)
- Attenuation (Full-/High-Speed only): 0.064MHz: 0.08dB; 0.256MHz: 0.11dB; 0.512MHz: 0.13dB; 0.772MHz: 0.15dB; 1MHz: 0.20dB; 4MHz: 0.39dB; 8MHz: 0.57dB; 12MHz: 0.76dB; 24MHz: 0.95dB; 48MHz: 1.35dB; 96MHz: 1.90dB; 200MHz:
- Differential Impedance: Cable @ 200ps Tr(10-90%) 90±7[OHM]
- Intra-Pair Skew: 15ps/m @ 200ps Tr(10-90%)
- Attenuation/Insertion Loss: 1.5dB/2M@0.1GHz; 5.0dB/2M@1.25 GHz; 7.5dB/2M@2.5GHz; 25dB/2M@7.5GHz
- Differential to Common mode(max):20dB/cable@0.1~7.5GHz
- NEXT: 32dB@0.1GHz; 32dB@2.5GHz; 23dB@3.0GHz; 23dB@7.5GHz

PHYSICAL SPECIFICATIONS:

- Minimum Bend Radius: 47mm
- Tensile Strength: Unaged: 1500PSI min Aged: 70%min
- Elongation: Unaged: 100% min, Aged: 65%
- Deformation test: Max 50%
- Flame Test: PASS VW-1
- Shield Type/Braid Coverage: 65%
- Shield Type/Braid Construction: 15/5/0.10mm TC
- Jacket Material & Thickness: PVC 0.38mm Min AVG
- Drain Wire AWG & Construction: 28 AWG & 7/0.12mm TC
- Product is CE Marked and Conforms to 2011/65/EU ROHS 2
- Testing: 100% test for short/open: 10M OHM Insulation Resistance (300 DC)

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