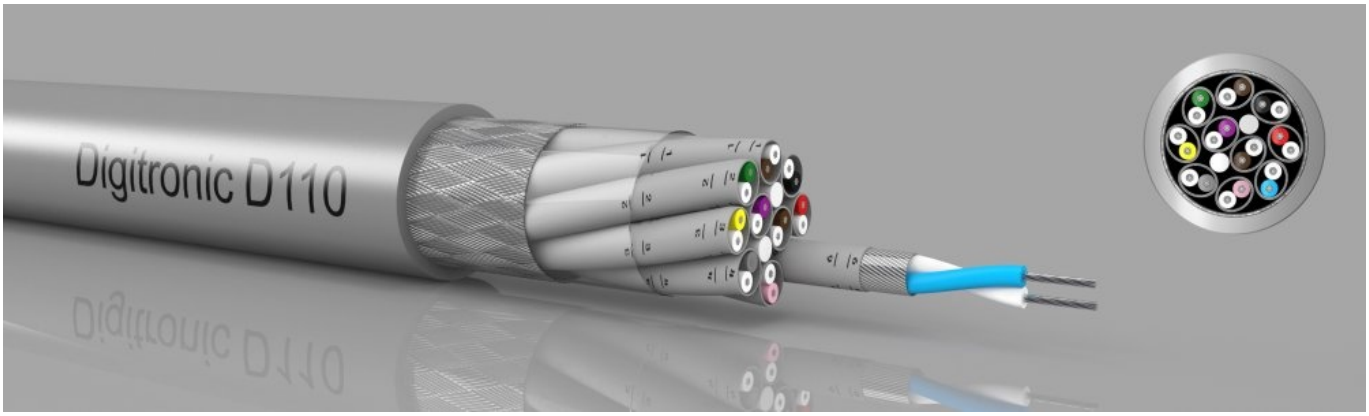
kabeltronik®

quality at the highest level



✓ installation ✓ RoHS ✓ REACH ✓ CE

Digitronic D110 12 x 2 x 0,14 qmm

PVC, pair and total screen
Order-No. 922401400

Application / Description

Audio-multicore for highest requirements within in the professional field of audio transmission. Small weight, small outside diameter and a slidable outer jacket facilitate the handling by the laying. The numbering of the pair jackets and the mistake-safe core coding make the connection work sure and easy. Developed for the digital age this type can be used likewise for the analog technology.

Variant data

O.D.	approx. 14,00 mm
weight	280,0 kg/km
Cu-weigth	144,0 kg/km

Construction / audio

Conductor	tinned stranded copper wire
Structure of conductor	7 x 0,16 mm
Conductor dimension	0,14 qmm
AWG	26
number of cores	24
Core insulation	PE
Core colour sequence	kabeltronik colour code
number of pairs	12
Pre-twisting	2 cores to a pair
Element shield	tinned copper spiral shield
Element jacket	PVC, grey, numbered
Twisting	Pairs in layers with filler string where applicable, overall foil taping
Overall shield	tinned copper braid
Outer jacket	PVC
Outer jacket colour	grey
Dimension	12 x 2 x 0,14 qmm

Technical characteristics

Temperature range	static: -20 °C to +70 °C dynamic: -5 °C to +70 °C
Bending radius	> 12 x O.D.
Operating capacity (C/C)	approx. 53 pF/m
Operating capacity (C/S)	approx. 101 pF/m
Characteristic impedance	0,3 Mhz: 110 Ohm ±10% 1,0 Mhz: 110 Ohm ±10% 3,0 Mhz: 110 Ohm ±10% 10,0 Mhz: 105 Ohm ±10%
Attenuation	0,3 Mhz: approx. 1,2 db/100m 1,0 Mhz: approx. 2,3 db/100m 3,0 Mhz: approx. 5,2 db/100m 10,0 Mhz: approx. 12,5 db/100m
Cross-talk attenuation	0,3 Mhz: approx. 80 db/100m 1,0 Mhz: approx. 75 db/100m 3,0 Mhz: approx. 64 db/100m 10,0 Mhz: approx. 60 db/100m
Testing voltage (C/C)	250 V
Testing voltage (C/S)	1.000 V

Packaging

Rings, Reels
Lower and upper lengths according to availability. Special packaging on request.

Mühlweg 6, 85095 Denkendorf
Tel.: 08466 - 9404-0
E-Mail: info@kabeltronik.de