

ACT Connectivity Solutions – Koolhovenstraat 1E – 3772MT – Barneveld – The Netherlands

ITEM	PART	DESCRIPTION
A	USB-C male	Connector with E-marker
B	USB-C male	Connector
A + B	Connector type	USB-C male
	Contacts	Nickel plated
	Hood	Black PVC
	E-marker	Yes connector A
	Shielding	Tin braid
C	Cable colour	Black
	Outer jacket	PVC
	Wire gauge	31 AWG
	Outer diameter	Ø5.1 mm
	Bend radius	12.7mm
	Conductive Resistance	3 ohms MAX
	Insulation Resistance	10M ohm MIN.
	Max. bandwidth	up to 20Gbps
	PD profiles	5, 9, 12, 15, 20, 24, 36, 48V up to 5A
	Max. PD	240W
	DP-Alt mode	Yes
	Max. resolution @ 30Hz	4096 x 2160 (4K)
	Max. resolution @ 60Hz	4096 x 2160 (4K)
	Thunderbolt support	Thunderbolt™3

Item No.	Length	Max. PD
AC7432	2m	240W



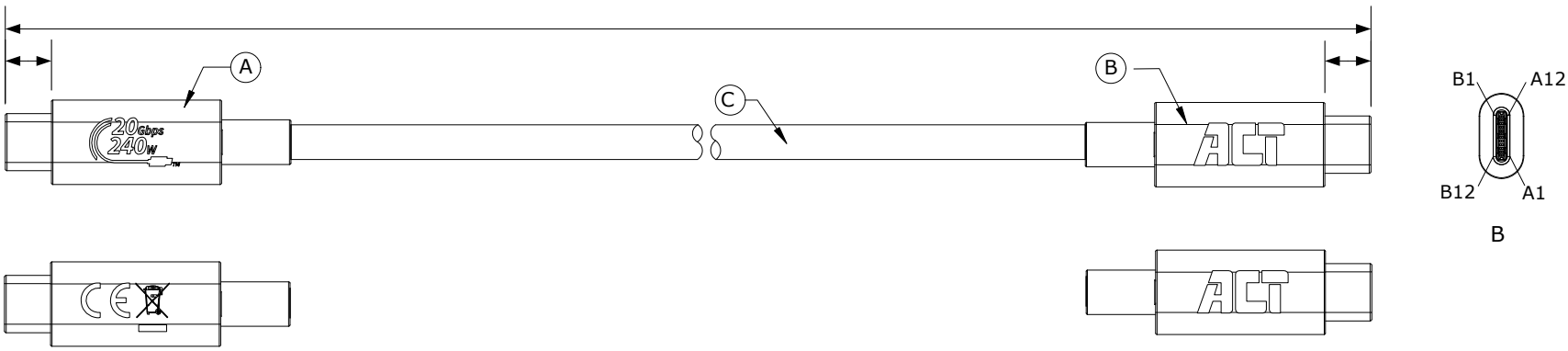
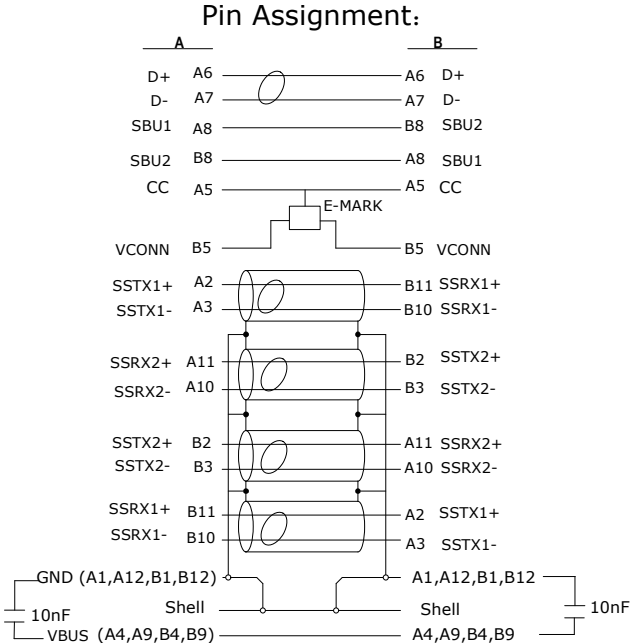
Drawn by : MR

AC7432 USB4 20Gbps cable, USB-C male -USB-C male 240W USB-IF certified

Revision : 01

Date : 26-03-2025

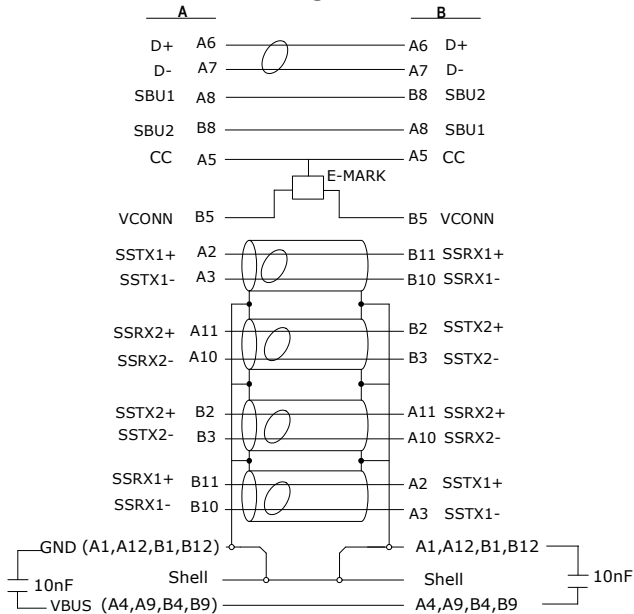
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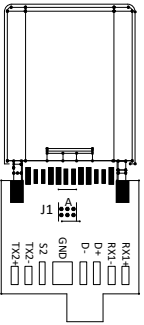
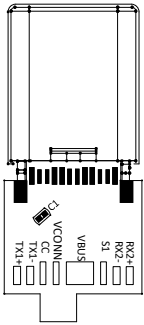
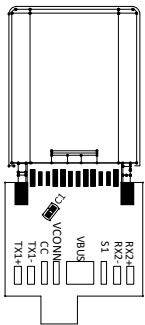
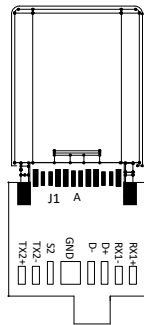
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	Colour	Construction (mm)	Material	OD (mm)	Insulation
1P	White&Black	7/0.090	Silver plated copper	0.27	0.2mm FEP
2P	White&Black	7/0.090	Silver plated copper	0.27	0.2mm FEP
3P	White&Black	7/0.090	Silver plated copper	0.27	0.2mm FEP
4P	White&Black	7/0.090	Silver plated copper	0.27	0.2mm FEP
5P	White&Green	7/0.080	Tinned Copper	0.24	0.16mm FEP
6	Red	55/0.080	Tinned Copper	0.69	0.11mm FEP
7	Red	55/0.080	Tinned Copper	0.69	0.11mm FEP
8	Brown	19/0.040	Tinned Copper	0.2	0.08mm FEP
9	Blue	19/0.040	Tinned Copper	0.2	0.08mm FEP
10	Orange	19/0.040	Tinned Copper	0.2	0.08mm FEP
11	Yellow	19/0.040	Tinned Copper	0.2	0.08mm FEP

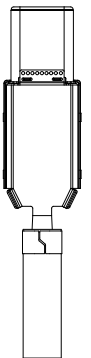
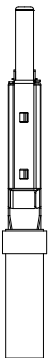
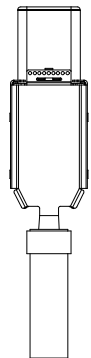
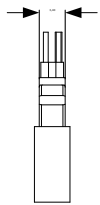
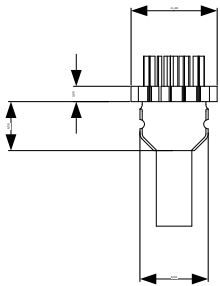
Pin Assignment:



P1 PIN



P2 PIN



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