

Technical Drawing of USB Firewire Cable Assembly

The drawing includes detailed views of the cable assembly components and their dimensions:

- Top View:** Shows the overall length L, the distance from the plug to the start of the braid (8), the braid diameter ($\phi 7.5$), and the distance from the end of the braid to the plug (16.7).
- Side View:** Shows the outer diameter of the cable ($\phi 6.6$), the distance from the plug to the start of the braid (20.22), the distance from the end of the braid to the plug (14.12), and the distance from the plug to the end of the cable (21.34).
- Bottom View:** Shows the dimensions of the plug (15, 12 ± 0.5 , 14.5) and the distance from the plug to the end of the cable (7.6 ± 0.5).
- PIN OUT:** A diagram showing the pin connections between the USB AM and MINI USB connectors.
- P/N STICKER:** A label with the part number RR-FW7767, dimensions 45mm x 15mm, and a note about holding length and orientation.
- MATERIAL LIST:** A table listing the materials used in the assembly, including wire, plugs, PVC, and package.
- RoHS:** A declaration indicating compliance with RoHS standards.

PIN OUT :

USB AM	MINI USB
1	RD
2	WH
3	GN
4	BK
S	S BRAID

MATERIAL LIST :

NO.	P/NAME	DESCRIPTION	Q' TY
1	WIRE	UL2725 28AWG(7/0.12 TC)*1P+24AWG(7/0.20 TC)*2C+AL+1(TC)+B(16*4/0.10 TC) OD:5.0 $\pm$ 0.15 BLACK(B792) 2.0 (COPARTNER)	1
2	PLUG	USB"A" TYPE MALE GOLD PLATED SHORT TYPE	1
3	PLUG	MINI USB"B" TYPE 5PIN MALE GOLD PLATED	1
4	PVC	45P BLACK(B792)PVC	12g
5	PACKAGE	1PCE/PE BAG:06*A"*B"+ P/N STICKER	1

RoHS

DRAWN BY	Marcos
CHECKED BY	
CONFIRMED BY	
CHECKED BY	
APPROVED BY	