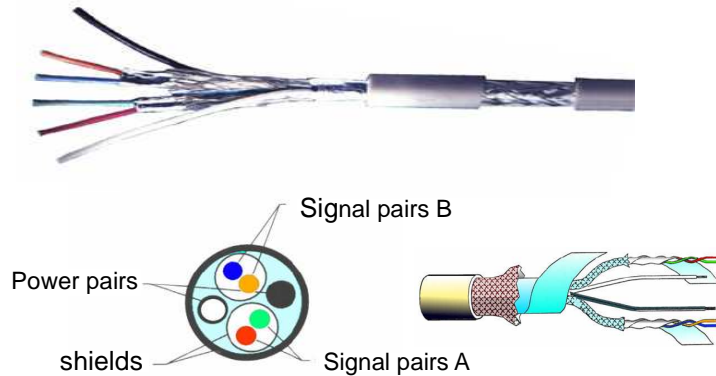


TRANSCEIVER CABLE, IEEE1394

IEEE 1394 CABLE

High Performance Serial Bus is a new IEEE bus interface standard for portable and desktop computing environments. It provides high performance interconnection of computer and peripherals especially for multimedia applications resulted in real time data transferring. The structure of cable contains six copper wires grouped in 2 twisted pairs of signal and other 2 conductors for power carrying, each pair and overall entire cable must be shielded.



Part No	Description	Conductor		Insulation Material thickness Diameter inches(mm)	Shielded Material Ω /km.	Jacket Nom. OD. Inches(mm)	Nominal Impedance Ohms	Normal Attenuation db/ft(db/m)
		No. of pairs	AWG Strand material D.C.R. Ω /kft(km)					
1950	IEEE1394	3 total	28(7/36)	2 foamskin polyethylene	Individual aluminium mylar tape tinned copper braiding60% overall foil & braiding90%	PVC 0.24(6.10)	90	Maximum 10 dB/100m
	Non Plenum NEC CL2	200%	tinned copper 224	0.012(0.30) 0.039(1.0)				
	PCC FT1	100%	22/(7/30) tinned copper 52	1 PVC 0.010(0.25) 0.047(1.20)				