

MILAN S.r.l. a socio unico

Head Office – Export department:

Viale Europa, 74
20090 Cusago (MI) Italy
T. +39 02 9039.4556-4158
F. +39 02 9039.4551
www.taskercables.com

Ufficio Commerciale e Centro Distribuzione

Viale Europa 72 Strada F12
20090 Cusago (MI) Italy
T. +39 02 9039.0037-0059
F. +39 02 9039.0049
www.tasker.it

Technical Datasheet **FirestoP®**



tasker® TSK1094 Komby Cable
3xHD-SDI 75 Ω Coax + 2xDigital Audio 110 Ω

<u>CATEGORY</u>	Komby Cable Video + Audio (See Video Catalogue)
APPLICATIONS	Digital Broadcast Equipment

A: Soft Black **Flame Retardant PVC** Sheath Outer Diam. Ø 14,60 (±0,20) mm.
B: Grouping with unweaved polyester tape and textile fillers between conductors.

2xDigital Audio 110Ω :

C: Grey **Flame Retardant PVC** Sheaths. Diam. Ø 3,40 (±0,20) mm.
D: Shielding with aluminum/ polyester tape covering 100%. + Drain Wire.
E: Isolation with PEE Diam. Ø 1,20 (±0,20) mm. colored one white and one red.
F: Stranded in O.F.C. tinned copper formation 18x0,10 mm.
 Nom. Section 2x2x0,14 mm².

3xHD-SDI Coax:

G: Soft Black **Flame Retardant PVC** Sheath Outer Diam. Ø 4,50 (±0,20) mm.
H: O.F.C. tinned copper Braid shielding, covering 95%.
I: Aluminum foil tape shielding, covering 100% .



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L: Insulated with Gas Injected Foam PE Diam. Ø 2,80 (±0,20) mm.
M: Stiff wire in O.F.C. red copper formation 1x0,60 mm.
Nom. section 1x0,28 mm² (75Ω).

MARKING

tasker® TSK1094 O.F.C. 3-coax video HDTV-SDI + 2-digital audio komby Cable
– FirestoP® - Made in Italy

**CUSTOM
PRODUCTION**

This product may be custom produced also in **L.S.Z.H.** polymer, **PE, PUR**,
with or without Metallic Armor.

Digital Audio 110 Ω General properties

Conductor Resistance	138 Ω/Km
Impedence	110 Ω
Velocity of Propagation	80%
Capacity Core/Core	50 pF/m
Capacity Core/Shield	100 pF/m
Operative Temperature	-15/+70°C

Coax HD-SDI 75 Ω General properties

Conductor Resistance	65 Ω/Km
Impedence	75 Ω
Velocity of Propagation	82%
Capacity Core/Shield	54 pF/m
Nominal Delay	4,0 Ns/m
Operative Temperature	-15/+70°C

Attenuation dB/100 m.

10 MHz	3,5
100 MHz	12,8
1000 MHz	40,0
2000 MHz	56,0
3000 MHz	70,0
4500 MHz	90,0

USE	X	Indoor	Interno Edificio	INSTALLATION	X	Fixed	Fissa	INFORMATION	X	RoHS2 Compliant
Impiego	X	Outdoor Limited	Esterno Limitato	Posa	X	Restricted Mobile	Mobile Limitata	Informazioni	X	Ver. A / 16.05.16
		Outdoor	Esterno			Mobile	Mobile			
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			