

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

Halogen Free Technical Datasheet **FirestoP®**



tasker® C148 L.S.Z.H. – 1x0,52 (75Ω) +2x0,50 mm² HD-SDI Special Digital Video Cable/ over 120m.



CATEGORY Komby Cable 75Ω (See video Catalogue)
APPLICATIONS Video installations, Security and Video Cameras.

A: Black **L.S.Z.H.** sheath. Flame Retardant and Halogen Free.
 Outer cable Ø: 10,40 (± 0,10) mm.

75 Ω Video HD-SDI Coax:

- B:** Inner Sheath in **L.S.Z.H.** Flame Retardant and Halogen Free.
 Diam. Ø 5,90 (± 0,10) mm.
- C:** First Shielding with tinned copper braid covering 95% + second shielding
 with aluminum foil tape covering 100%.
- D:** Dielectric in Gas inject high density Foam PE.
 Diam. Ø 3,70 (± 0,10) mm.
- E:** Stiff wire in O.F.C. red copper - formation 1x0,813 mm.
 Nom. Cross section 1x0,52 mm²

Free Conductors:

- F:** Inner Sheaths in **Flame Retardant PVC.**
 Both Colored Black. Diam. Ø 1,90 (± 0,10) mm.
- G:** Stranded formations 16x0,20 mm in O.F.C. red copper.
 Nom. Cross section 2x0,50 mm².

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MARKING

tasker® C148 LSZH Komby Cable 1x 75 Ω + 2x0,50 mm² Digital Video + Power – FirestoP® – Halogen Free - 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.

Coaxial Properties

0,50 mm² Conductors	38,00 Ω/Km
Coax Conductor Resistance	38,00 Ω/Km
Coax Capacity Core/Shield	53,5 pF/m
Coax Velocity of Propagation	83%
Coax Impedance	75 Ω
Max Rated Voltage	49V
Operative Temperature	-30/+70°C

Attenuation dB/100 m.

1 MHz	0,78
10 MHz	2,03
100 MHz	7,31
1000 MHz	24,6
2000 MHz	36,74
3000 MHz	50,11
4000 MHz	67,64

USE	X	Indoor	Interno Edificio
Impiego	X	Outdoor Limited	Esterno Limitato
	X	Outdoor	Esterno
		Outdoor Direct Burial	Esterno Interrato

INSTALLATION	X	Fixed	Fissa
Posa	X	Restricted Mobile	Mobile Limitata
		Mobile	Mobile
		Mobile in Drag Chain	Mobile in Catena

INFORMATION	X	RoHS2 Compliant
Informazioni	X	Ver. A / 26.05.17
10% measurement tolerance, unless otherwise indicated		