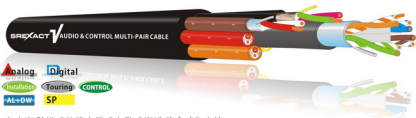


本系列最特別的地方在於對於電源的处理  
 電源接地採用CPE做押出,使得藉由鋁箔屏蔽所攔截的電磁波可以透過地線誘導排出  
 降低了電源對外干擾的問題  
 其中兩個系列的分別是設計提供給主動式喇叭與電腦燈具使用  
 同一條線上提供了電源與信號  
 選購時請注意使用的電流大小!

The most special point of this series is the processing to power supply.  
 Using CPE to extrude the power ground, to make the electromagnetic wave intercepted by the aluminum foil shield can be discharged through the ground wire to reduce the problem of power supply to external interference.  
 Within the distinction of two series is designing to support the usage of active speaker and computer lighting.  
 Providing power supply and signal with same cable  
 Please pay attention to the current specification of usage when purchasing!

TYPE 類型	AUDIO	AUDIO XLPE	DMX XLPE			
JACKET COLOR 顏色	BLACK	GREY	GREY			
CONDUCTOR 導體	20/0.10	16/0.12	7/0.18			
JACKET OD 外徑	3.0	3.2	4.0			
WIRE INFORMATION 線材資料	(20/0.10+PE1.1)*2C+D W7/0.20TC+AL-FOIL+P VC3.0	(16/0.12+XLPE1.25)*2C+NYL ON FBER+DM7/0.18TC+ AL-FOIL+PVC 3.2	(7/0.18BC+XLPE1.6)*2C+NYL N FBER+DW7/0.18TC+ AL-FOIL+PVC 4.0			
MAIN CONDUCTOR AWG 主要導體直徑	26AWG 0.157mm <sup>2</sup>	25AWG 0.18 mm <sup>2</sup>	25AWG 0.178mm <sup>2</sup>			
POWER WIRE INFORMATION 電源線導體部份						
14AWG 2.076 mm <sup>2</sup>	(41/0.254)*2C+DW41,0.254TC+CPE+AL-FOIL+PVC 7.0mm					
16AWG 1.31 mm <sup>2</sup>	(26/0.254)*2C+DW26,0.254TC+CPE+AL-FOIL+PVC 6.2mm					
18AWG 0.824 mm <sup>2</sup>	Ø1/0.16)*2C+DW41,0.16TC+CPE+AL-FOIL+PVC 5.5mm					
UL-1015 600V 105°C JACKET COLOR: BROWN+BLUE AND BLACK/PEE FOR GROUND						
SIGNAL CABLE ELECTRICAL PERFORMANCE 信號線電性能						
Cond. D.C.R. ohm/1Km 導體電阻/1km	93.25	105.04	106.7			
Shield D.C.R. ohm/1Km 屏蔽層電阻/1km	95	112.05	112.06			
NomCap (pF/m) between conductors 導體間電容	698	105.1	96.08			
NomCap (pF/m) between conductors / shield 導體/屏蔽層電容	140	210	180.1			
Voltage Breakdown 絕緣承受電壓	300V	300V	300V			
MECHANICAL PERFORMANCE 機械性能						
Flex Life load 500g +/-30° 搖晃壽命負載 500g 角度 +/-30°	---	---	---			
Tensile Strength (2°C, 65%RH) 拉伸斷裂力量	---	---	---			
Applicable Temperature 建議工作溫度	-20°C ~ +60°C (-4°F ~ +140°F)	-20°C ~ +60°C (-4°F ~ +140°F)	-20°C ~ +60°C (-4°F ~ +140°F)			
Peak Temperature 極限工作溫度	-40°C ~ +70°C (-40°F ~ +158°F)	-40°C ~ +70°C (-40°F ~ +158°F)	-40°C ~ +70°C (-40°F ~ +158°F)			
ITEM NO 型號/直徑						
14AWG	30715 00200	3071 50 0022	307 1500 20D			
16AWG	30715 00210	3071 50 0023	307 1500 21D			
18AWG	30715 00220	3071 50 0024	307 1500 22D			
100M weight & O.D./100M 重量(kg) & 直徑						
	WEIGHT	O.D.	WEIGHT	O.D.	WEIGHT	O.D.
14AWG	21.8	13	20.4	13	22.9	13
16AWG	16.9	12	16.5	12	18.2	12
18AWG	14.9	11.5	14.4	11.5	16.2	11.5



Analog Digital  
 Installation Touring CONTROL  
 AL+BW SP

在未來,懸掛式的擴大機或主動式喇叭,將會成為主流  
 因此用戶將會尋求一種能整合擴大機前置與控制的完整解決方案的複合信號線!  
 本系列 分成三大類

- 1.AES/EBU+NET
  - 2.NET+ANALOG AUDIO
  - 3.ANALOG AUDIO+AES/EBU+NET
- 可依照您的使用需求選用

In future the hanging style amplifier or active speaker will become the mainstream.  
 Therefore, the user will seek one way of complete solution on composite signal cable  
 which can integrate the amplifier & pre-amplifier in rack with controlling .

This series is divided into three categories

- 1.AES/EBU+NET
- 2.NET+ANALOG AUDIO
- 3.ANALOG AUDIO+AES/EBU+NET

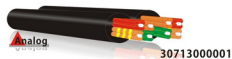
You can choose it according to your usage requirements!



**AUDIO?  
 NETWORK?  
 AES/EBU?**



TYPE 類型	AUDIO	AES/EBU	NETWORK		
JACKET/COLOR 顏色	BROWN/RED/ ORANGE/YELLOW	BLACK	GREY		
CONDUCTOR 導體	20,0.10	2* (7,0.20)	4*PAR*(1,0.565)		
JACKET OD 外皮	3.0	3.5			
WIRE INFORMATION 線材資料	(20*(0.10+PE1.1)*2C+D W7/0.20TC+AL-FOIL+	(2*(7/0.20)+PFE 1.45mm) +D+W7/0.20+*90.0.10+	4*(#PAR*(1,0.565)+PFE 1.03)*MYLAR+DRAIN WIRE +AL+ FR-PVC 6.0mm		
MAIN CONDUCTOR AWG 主要導體直徑	26AWG 0.157mm <sup>2</sup>	24AWG 0.219mm <sup>2</sup>	24AWG 0.250mm <sup>2</sup>		
SIGNAL CABLE ELECTRICAL PERFORMANCE 信號線電氣性能					
Cond. D.C.R. ohm/1Km 導體電阻/1km	121.01	93.25	75.55		
Shield D.C.R. ohm/1Km 屏蔽層電阻/1km	95	29.5	75.55		
Nom.Cap.(pF/m)between conductors.導體間電容量	69.8	40	132.1		
Nom.Cap.(pF/m)between conductors./shield 導體/屏蔽間電容量	140	90.2	55.6		
Volatge Breakdown 絕緣承受電壓	300V	300V	300V		
MECHANICAL PERFORMANCE 機械性能					
Flex Life times load 500g +/-30° 搖晃壽命負載 500g 角度 +/-30°	---	---	---		
Tensile Strength (26°C,65%RH) 拉伸斷裂力量	---	---	---		
Applicable Temperature 建議工作溫度	-20°C~ +60°C (-4°F~ +140°F)	-20°C~ +60°C (-4°F~ +140°F)	-20°C~ +60°C (-4°F~ +140°F)		
Peak Temperature 極限工作溫度	-40°C~ +70°C (-40°F~ +158°F)	-40°C~ +70°C (-40°F~ +158°F)	-40°C~ +70°C (-40°F~ +158°F)		
ITEM NO. O.D CABLE NUM.BE/R 100Mweight 型號/直徑/線對數/100M 重量kg					
ITEM	WEIGHT	O.D	AUDIO	AES/EBU	NETWORK
3071500230	17.4	13.0	0	1	1
3071500240	21.5	13.0	4	0	1
3071500250	25.0	14.5	4	1	1



做為耳機線,必需有以下特點:  
1.抗拉扯能力較佳 2.服貼柔軟

如需出口至歐洲等先進國家,則需使用TPR做為外被材質,以防PVC硬化剛接觸人體!

As a earphone cable, Must have the following characteristics:  
1. with better anti-pull ability 2. obedience and soft

For exporting to Europe or other developed countries.  
Have to use TPR as outer jacket material.  
To prevent PVC plasticizer from contacting with body!



ITEM NO. 型號	3071300001	3071300070	3071300080
JACKET COLOR 顏色	BLACK	BLACK	BLACK
CONDUCTOR 導體	4*(10/0.08 1UEW*2F	2*(10/0.10)	2*(2Q/0.12)
JACKET OD 外径	2.45 X 4.9mm	3.5mm	4.3mm
WIRE INFORMATION 線材資料	4*(10/0.08 1UEW*2F+PVC	2*(10/0.10+500D POLYESTER-YARN+PVC0.85)+8D 16%/0.10+TPR	2*(20/0.12+LDPE)+5PB0/0.10+TPR
MAIN CONDUCTOR AWG 主要導體直徑	28AWG 0.01mm <sup>2</sup>	29AWG 0.079mm <sup>2</sup>	24AWG 0.268mm <sup>2</sup>
ELECTRICAL PERFORMANCE 電氣性能			
Cord D.C.R. ohm/1Km 導體電阻/1km	---	242.02	93.25
Shield D.C.R. ohm/1Km 屏蔽層電阻/1km	---	28.6	33.25
Nom.Cap(pF/m)between conductors 導體間電容量	---	69.25	70.24
Nom.Cap(pF/m)between conductors/shield 導體/屏蔽層電容量	---	130.5	150.5
Voltage Breakdown 線纜承受電壓	---	300V	300V
MECHANICAL PERFORMANCE 機械性能			
Flex Life Ioad 500g +/-30° 搖晃壽命負載 500g 角度 +/-30°	---	---	---
Tensile Strength 2°C, 65%RH) 拉伸斷裂力量	---	---	---
Applicable Temperature 建議工作溫度		-20°C~ +60°C (-4°F~ +140°F)	
Peak Temperature 極限工作溫度		-40°C~ +70°C (-40°F~ +158°F)	
COLOR & ORDER INFORMATION 色彩與訂購資訊			
100Mweight/100M 重量(kg)	---	1.4	2.7