

## Annex A: Technical Specifications

Item 1.			QUANTITY 1000 feet
<b>TITULO:</b>	<b>Cable AWG 20 negro Mil STD</b>		
<b>General Specifications</b>			
Description:	Unifilar cable , Mil STD: MIL-W-22759/44, AWG 20, Color: black, stranding 19x32		
Model / Part number:	M22759/44-20-0		
Manufacturer:	Standard Wire & Cable Co.		
Quantity	1000 feet (304,8 meters)		
Packing type:			
<b>Electrical Specifications</b>			
Max. Operating Voltage:	Up to 600 Volts		
<b>Mechanical Specifications</b>			
Size:	Diameter AWG20		
Material:	Stranded silver-coated copper		
Insulation Material	Fluoropolymer, cross-linked modified ETFE single insulation, lightweight.		
Other:	Weight 4.3 lbs/1000 ft		
<b>Environmental characteristics</b>			
Operating temp. range:	200°C		
<b>Other</b>			
Quality Level:		RoHS Compliant:	
Certifications			
Justificación de la necesidad: Este cable se utiliza en el conexionado interno de los módulos de ambos sub-sistemas. Conexiones entre placas de circuito impreso y Connector -es de módulos.			
Item picture:			
			

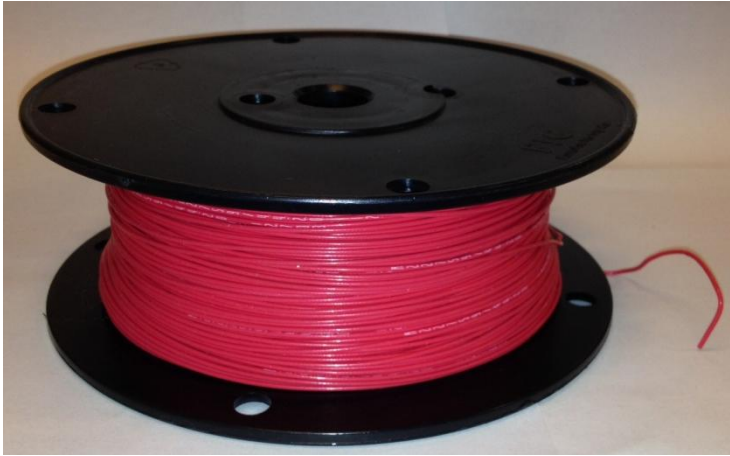


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Item 2.	40	QUANTITY 1000 feet	
<b>TITULO:</b>		<b>Cable AWG 20 blanco Mil STD</b>	
<b>General Specifications</b>			
Description:	Unifilar cable , Mil STD: MIL-W-22759/44, AWG 20, Color: white, stranding 19x32		
Model / Part number:	M22759/44-20-9		
Manufacturer:	Standard Wire & Cable Co.		
Quantity	1000 feet (304,8 meters)		
Packing type:			
<b>Electrical Specifications</b>			
Max. Operating Voltage:	Up to 600 Volts		
<b>Mechanical Specifications</b>			
Size:	Diameter AWG20		
Material:	Stranded silver-coated copper		
Insulation Material	Fluoropolymer, cross-linked modified ETFE single insulation, lightweight.		
Other:	Weight 4.3 lbs/1000 ft		
<b>Environmental characteristics</b>			
Operating temp. range:	200°C		
<b>Other</b>			
Quality Level:		RoHS Compliant:	
Certifications			
Justificación de la necesidad: Este cable se utiliza en el conexionado interno de los módulos de ambos sub-sistemas. Conexiones entre placas de circuito impreso y Connector -es de módulos.			
Item picture:			
			



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Item 3.			QUANTITY 1000 feet
<b>TITULO:</b>	<b>Cable AWG 22 rojo Mil STD</b>		
<b>General Specifications</b>			
Description:	Unifilar cable , Mil STD: MIL-W-22759/44, AWG 20, Color: red, stranding 19x32		
Model / Part number:	M22759/44-20-2		
Manufacturer:	Standard Wire & Cable Co.		
Quantity	1000 feet (304,8 meters)		
Packing type:			
<b>Electrical Specifications</b>			
Max. Operating Voltage:	Up to 600 Volts		
<b>Mechanical Specifications</b>			
Size:	Diameter AWG20		
Material:	Stranded silver-coated copper		
Insulation Material	Fluoropolymer, cross-linked modified ETFE single insulation, lightweight.		
Other:	Weight 4.3 lbs/1000 ft		
<b>Environmental characteristics</b>			
Operating temp. range:	200°C		
<b>Other</b>			
Quality Level:		RoHS Compliant:	
Certifications			
Justificación de la necesidad: Este cable se utiliza en el conexionado interno de los módulos de ambos sub-sistemas. Conexiones entre placas de circuito impreso y Connector -es de módulos.			
Item picture:			
			



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Item 4.			QUANTITY 1000 feet
<b>TITULO:</b>	<b>Cable AWG 22 negro Mil STD</b>		
<b>General Specifications</b>			
Description:	Unifilar cable, Mil STD: MIL-W-22759/44, AWG 22, Color: black, stranding 19x34		
Model / Part number:	M22759/44-22-0		
Manufacturer:	Standard Wire & Cable Co.		
Quantity	3000 feet (914,4 m)		
Packing type:			
<b>Electrical Specifications</b>			
Max. Operating Voltage:	Up to 600 Volts		
<b>Mechanical Specifications</b>			
Size:	Diameter AWG22		
Material:	Stranded silver-coated copper		
Insulation Material	Fluoropolymer, cross-linked modified ETFE single insulation, lightweight.		
Other:	Weight 2.8 lbs/1000 ft		
<b>Environmental characteristics</b>			
Operating temp. range:	200°C		
<b>Other</b>			
Quality Level:		RoHS Compliant:	
Certifications			
Justificación de la necesidad: Este cable se utiliza en el conexionado interno de los módulos de ambos sub-sistemas. Conexiones entre placas de circuito impreso y Connector -es de módulos.			
Item picture:			
			



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Item 5.			QUANTITY 1000 feet
<b>TITULO:</b>	<b>Cable AWG 22 blanco Mil STD</b>		
<b>General Specifications</b>			
Description:	Unifilar cable , Mil STD: MIL-W-22759/44, AWG 22, Color: blanco, stranding 19x34		
Model / Part number:	M22759/44-22-9		
Manufacturer:	Standard Wire & Cable Co.		
Quantity	3000 feet (914,4 m)		
Packing type:			
<b>Electrical Specifications</b>			
Max. Operating Voltage:	Up to 600 Volts		
<b>Mechanical Specifications</b>			
Size:	Diameter AWG22		
Material:	Stranded silver-coated copper		
Insulation Material	Fluoropolymer, cross-linked modified ETFE single insulation, lightweight.		
Other:	Weight 2.8 lbs/1000 ft		
<b>Environmental characteristics</b>			
Operating temp. range:	200°C		
<b>Other</b>			
Quality Level:		RoHS Compliant:	
Certifications			
Justificación de la necesidad: Este cable se utiliza en el conexionado interno de los módulos de ambos sub-sistemas. Conexiones entre placas de circuito impreso y Connector -es de módulos.			

Item picture:



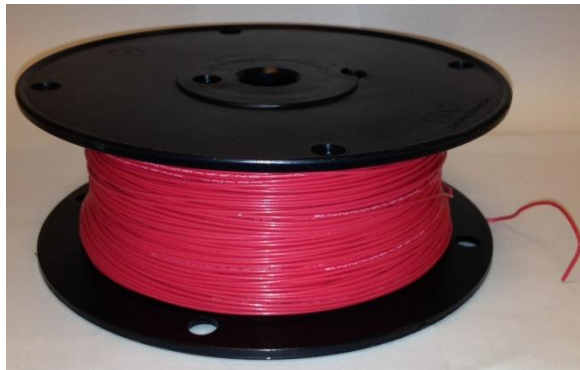
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Item 6.			QUANTITY 1000 feet
<b>TITULO:</b>	<b>Cable AWG 22 rojo Mil STD</b>		
<b>General Specifications</b>			
Description:	Unifilar cable , Mil STD: MIL-W-22759/44, AWG 22, Color: rojo, stranding 19x34		
Model / Part number:	M22759/44-22-2		
Manufacturer:	Standard Wire & Cable Co.		
Quantity	3000 feet (914,4 m)		
Packing type:			
<b>Electrical Specifications</b>			
Max. Operating Voltage:	Up to 600 Volts		
<b>Mechanical Specifications</b>			
Size:	Diameter AWG22		
Material:	Stranded silver-coated copper		
Insulation Material	Fluoropolymer, cross-linked modified ETFE single insulation, lightweight.		
Other:	Weight 2.8 lbs/1000 ft		
<b>Environmental characteristics</b>			
Operating temp. range:	200°C		
<b>Other</b>			
Quality Level:		RoHS Compliant:	
Certifications			

**Justificación de la necesidad:**

Este cable se utiliza en el conexionado interno de los módulos de ambos sub-sistemas. Conexiones entre placas de circuito impreso y Connector -es de módulos.

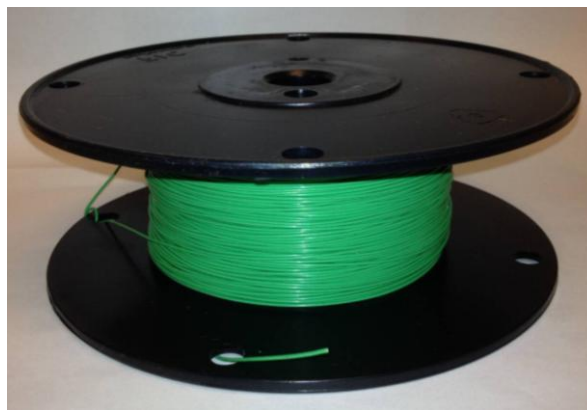
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Item 7.			QUANTITY 1000 feet
<b>TITULO:</b>	<b>Cable AWG 24 verde Mil STD</b>		
<b>General Specifications</b>			
Description:	Unifilar cable , Mil STD: MIL-W-22759/44, AWG 24, Color: verde, stranding 19x36		
Model / Part number:	M22759/44-24-5		
Manufacturer:	Standard Wire & Cable Co.		
Quantity	1000 feet (304,8 meters)		
Packing type:			
<b>Electrical Specifications</b>			
Max. Operating Voltage:	Up to 600 Volts		
<b>Mechanical Specifications</b>			
Size:	Diameter AWG24		
Material:	Stranded silver-coated copper		
Insulation Material	Fluoropolymer, cross-linked modified ETFE single insulation, lightweight.		
Other:	Weight 2 lbs/1000 ft		
<b>Environmental characteristics</b>			
Operating temp. range:	200°C		
<b>Other</b>			
Quality Level:		RoHS Compliant:	
Certifications			
Justificación de la necesidad: Este cable se utiliza en el conexionado interno de los módulos de ambos sub-sistemas. Conexiones entre placas de circuito impreso y Connector -es de módulos.			

Item picture:



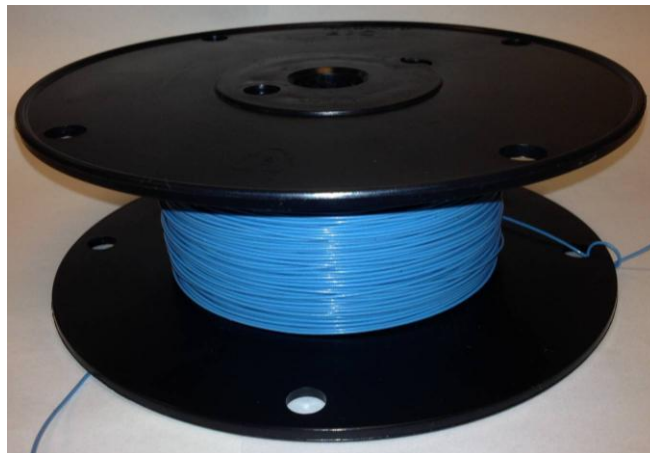
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Item 8.			QUANTITY 1000 feet
<b>TITULO:</b>	<b>Cable AWG 24 azul Mil STD</b>		
<b>General Specifications</b>			
Description:	Unifilar cable , Mil STD: MIL-W-22759/44, AWG 24, Color: azul, stranding 19x36		
Model / Part number:	M22759/44-24-6		
Manufacturer:	Standard Wire & Cable Co.		
Quantity	1000 feet (304,8 meters)		
Packing type:			
<b>Electrical Specifications</b>			
Max. Operating Voltage:	Up to 600 Volts		
<b>Mechanical Specifications</b>			
Size:	Diameter AWG24		
Material:	Stranded silver-coated copper		
Insulation Material	Fluoropolymer, cross-linked modified ETFE single insulation, lightweight.		
Other:	Weight 2 lbs/1000 ft		
<b>Environmental characteristics</b>			
Operating temp. range:	200°C		
<b>Other</b>			
Quality Level:		RoHS Compliant:	
Certifications			

**Justificación de la necesidad:**

Este cable se utiliza en el conexionado interno de los módulos de ambos sub-sistemas. Conexiones entre placas de circuito impreso y Connector -es de módulos.

**Item picture:**



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Item 9.			<b>QUANTITY 100</b>
<b>TITULO:</b>	BNC Female Bulkhead Connector Crimp		
<b>General Specifications</b>			
Description:	BNC Female Bulkhead Connector Crimp/Solder Attachment For RG174, RG316, RG188, .480 inch D Hole		
Model / Part number:	PE4106		
Manufacturer:	Pasternack		
Quantity	100		
<b>Electrical Specifications</b>			
Impedance:	characteristically 50ohm		
Max. Operating Voltage:	500 Volts		
<b>Mechanical Specifications</b>			
Size:	Length 36,07 mm, diameter 18 mm		
Mount Method:	Bulkhead		
Contact Material and Plating	Brass, Gold (30µ in. minimum)		
Body Material and Plating	Brass, Nickel (100µ in. minimum)		
Dielectric Type	Teflon		
<b>Environmental characteristics</b>			
Operating temp. range:	-65 °C to +165 °C		
<b>Other</b>			
Quality Level:		RoHS Compliant:	Yes
Certifications			
Justificación de la necesidad: Conexión entre panel de pruebas y los amplificadores de canales In-core. Conexión entre módulos de Instrumentación neutrónica. Aptos para uso de cable coaxial tipo RG-174. Estos Conectores son BNC compatibles con los Conectores disponibles en los módulos			
Notes: Includes washers, nut, ferrule, pin, y pin ferrule.			
Item picture:			
			



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<b>Item 10.</b>		<b>QUANTITY 30</b>	
<b>TITULO:</b>		<b>Connector - SHV Male, Pasternack</b>	
		<b>Part Number: PE4316</b>	
<b>General Specifications</b>			
Description:	Connector - SHV Male (SHV Plug Clamp/Solder attachment for RG58)		
Model / Part number:	PE4316		
Manufacturer:	Pasternack		
Quantity	30		
Packing type:	Individual bag		
<b>Electrical Specifications</b>			
Operating Voltage:	3500 V Max.		
Impedance:	characteristically 50ohm		
<b>Mechanical Specifications</b>			
Size:	Length 44,96 mm ; diameter 15 mm		
Connector Type:	Male connector for use with SHV Cable type		
Contact Material and Plating	Brass, Gold (30µ in. minimum)		
Body Material and Plating	Brass, Nickel (100µ in. minimum)		
Dielectric Type	Teflon		
Other:	Weight: 24,95 g		
<b>Environmental characteristics</b>			
Operating temp. range:	-65 °C to +165 °C		
<b>Other</b>			
Quality Level:		RoHS Compliant:	Yes
Notes: Includes, contact pin, locks, gasket, washers and hex nut			
Item picture:			
			



PE4316 pasternak shv  
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<b>Item 11.</b>		<b>QUANTITY 30</b>	
<b>TITULO:</b>		<b>Connector - SHV Female, Pasternack</b>	
		<b>Part Number: PE44080</b>	
<b>General Specifications</b>			
Description:	Connector - SHV Female (SHV Jack bulkhead connector Clamp/Solder attachment for RG58)		
Model / Part number:	PE44080		
Manufacturer:	Pasternack		
Quantity	30		
Packing type:	Individual bag		
<b>Electrical Specifications</b>			
Operating Voltage:	3500 Volts Max.		
Impedance:	characteristically 50ohm		
<b>Mechanical Specifications</b>			
Size:	Length 46,48 mm ; diameter 17,45 mm		
Connector Type:	Female connector for use with SHV Cable type		
Contact Material and Plating	Brass, Gold (30µ in. minimum)		
Body Material and Plating	Brass, Nickel (100µ in. minimum)		
Dielectric Type	Teflon		
Other:	Weight: 30,84 g		
<b>Environmental characteristics</b>			
Operating temp. range:	-65 °C to +165 °C		
<b>Other</b>			
Quality Level:		RoHS Compliant:	Yes
Notes: Includes, contact pin, locks, gasket, washers and hex nut			
Item picture:			
			



PE44080 pasternak  
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