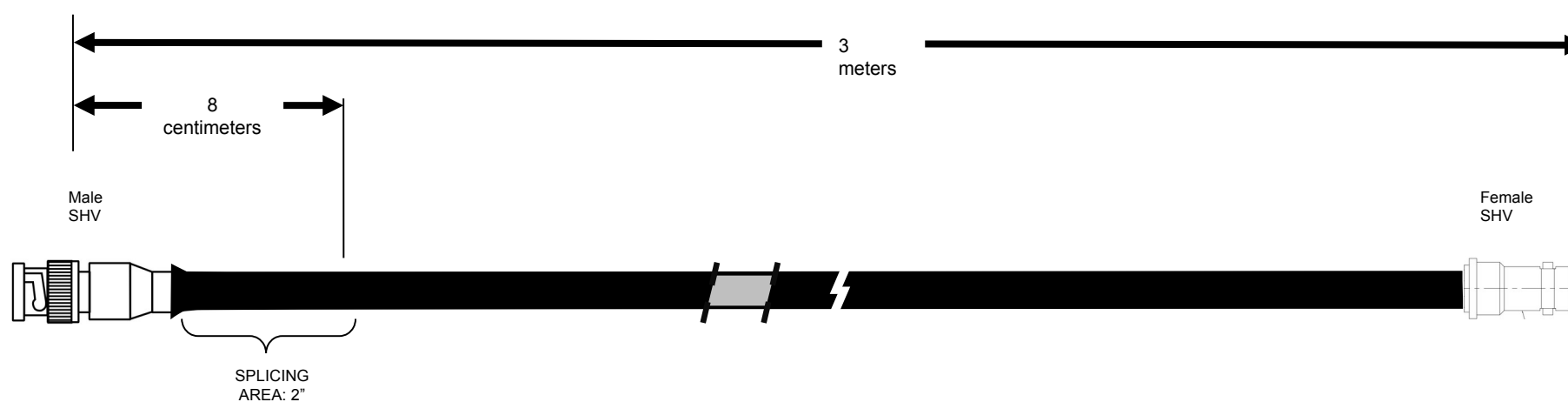


5KV CABLE  
(001)




**ASSEMBLY NOTES:**

PLEASE:

1. PLACE CONNECTOR BACK SHELL ON ALL CONNECTORS
2. PLACE SHIELD-BRAID OVER WIRE BUNDLE
3. PLACE EXPANDO (EXANDABLE SLEEVING) ON OUTER LAYER OF HARNESS
4. LABEL ALL CONNECTOR ENDS WITH CONNECTOR DESIGNATOR AND DESCRIPTION

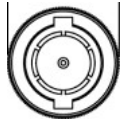
TITLE: [REDACTED] POWER SUPPLY CABLE TO INTERFACE BOX		NASA GODDARD SPACE FLIGHT CENTER 8800 GREENBELT RD GREENBELD MD 20771		
PROJECT: [REDACTED]		NAME	INITI/ CODE	DATE MM/DD/YY
		DESIGNED BY: [REDACTED]	[REDACTED] /	08/05/21
DWG NO	001	DRAWN BY: [REDACTED]	[REDACTED]	08/05/21
ASSY NO	-	APPROVED BY: [REDACTED]	[REDACTED] /	08/05/21
REVISION RELEASE DATE	REV-1	APPROVED BY: [REDACTED]	[REDACTED]	08/05/21
SHEET NO 12 OF 2		APPROVED BY:		





5KV CABLE  
(002)

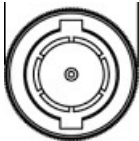
CONTACT INSERT VIEW  
FOR SHV MALE



LABEL: [REDACTED] PWR/HTR			LABEL: [REDACTED] PWR/HTR	
P/N: TE 51426-2	PIN		PIN	P/N: TE 51494-2
SHV1	1		1	[REDACTED]

CABLE TYPE \*\*

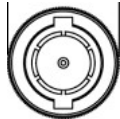
CONTACT INSERT VIEW  
FOR SHV FEMALE



LEGEND:	
	COAX COAXIAL CABLE
	TWP TWISTED WIRE PAIR
	STWP SHIELDED TWISTED WIRE PAIR
	SGW SINGLE WIRE
AWG#	AMERICAN WIRE GAUGE NUMBER
P	PLUG (MALE)
S	SOCKET (FEMALE)
PIN	CONNECTOR CONTACT NUMBER
CABLE TYPE*	RG/U 59 ; RG/U 59A ; RG/U 59B ; RG/U 62 ; RG/U 62A ; RG/U 62B ; RG/U 124 ; RG/U 140 ; RG/U 210
*	

TITLE: [REDACTED] POWER SUPPLY CABLE TO INTERFACE BOX		NASA GODDARD SPACE FLIGHT CENTER 8800 GREENBELT RD GREENBELD MD 20771			
PROJECT: [REDACTED]		NAME	INIT/ CODE	DATE MM/DD/YY	
		DESIGNED BY: [REDACTED]	[REDACTED] /	08/05/21	
DWG NO	001	DRAWN BY: [REDACTED]	[REDACTED]	08/05/21	
ASSY NO	-	APPROVED BY: [REDACTED]	[REDACTED] /	08/05/21	
REVISION RELEASE DATE	REV-1	APPROVED BY:			
SHEET NO 1 OF 2		APPROVED BY:			

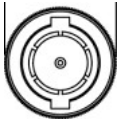
CONTACT INSERT VIEW  
FOR SHV MALE



LABEL: [REDACTED] PWR/HTR			LABEL: [REDACTED] PWR/HTR	
P/N: TE 51426-2	PIN		PIN	P/N: TE 51494-2
SHV1	1		1	[REDACTED]

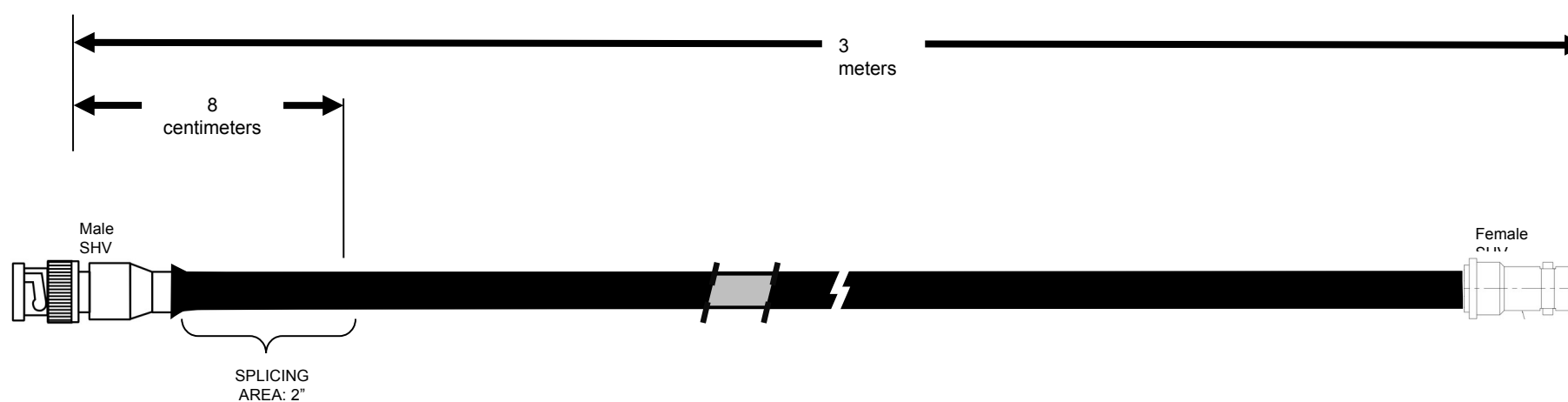
CABLE TYPE\*\*

CONTACT INSERT VIEW  
FOR SHV FEMALE



LEGEND:	
	COAX COAXIAL CABLE
	TWP TWISTED WIRE PAIR
	STWP SHIELDED TWISTED WIRE PAIR
	SGW SINGLE WIRE
AWG#	AMERICAN WIRE GAUGE NUMBER
P	PLUG (MALE)
S	SOCKET (FEMALE)
PIN	CONNECTOR CONTACT NUMBER
CABLE TYPE*	RG/U 59 ; RG/U 59A ; RG/U 59B ; RG/U 62 ; RG/U 62A ; RG/U 62B ; RG/U 124 ; RG/U 140 ; RG/U 210
*	

TITLE: [REDACTED] POWER SUPPLY CABLE TO INTERFACE BOX		NASA GODDARD SPACE FLIGHT CENTER 8800 GREENBELT RD GREENBELD MD 20771			
PROJECT: [REDACTED]		NAME	INIT/ CODE	DATE MM/DD/YY	
		DESIGNED BY: [REDACTED]	[REDACTED] /	08/05/21	
DWG NO		DRAWN BY: [REDACTED]	[REDACTED]	08/05/21	
ASSY NO		APPROVED BY: [REDACTED]	[REDACTED] /	08/05/21	
REVISION RELEASE DATE		APPROVED BY: [REDACTED]	[REDACTED] /	08/05/21	
SHEET NO 1 OF 2		APPROVED BY:			




**ASSEMBLY NOTES:**

PLEASE:

1. PLACE CONNECTOR BACK SHELL ON ALL CONNECTORS
2. PLACE SHIELD-BRAID OVER WIRE BUNDLE
3. PLACE EXPANDO (EXANDABLE SLEEVING) ON OUTER LAYER OF HARNESS
4. LABEL ALL CONNECTOR ENDS WITH CONNECTOR DESIGNATOR AND DESCRIPTION

TITLE: [REDACTED] POWER SUPPLY CABLE TO INTERFACE BOX		NASA GODDARD SPACE FLIGHT CENTER 8800 GREENBELT RD GREENBELD MD 20771		
PROJECT: [REDACTED]		NAME	INITI/ CODE	DATE MM/DD/YY
		DESIGNED BY: [REDACTED]	[REDACTED] /	08/05/21
DWG NO	001	DRAWN BY: [REDACTED]	[REDACTED]	08/05/21
ASSY NO	-	APPROVED BY: [REDACTED]	[REDACTED] /	08/05/21
REVISION RELEASE DATE	REV-1	APPROVED BY: [REDACTED]	[REDACTED]	
SHEET NO 12 OF 2		APPROVED BY:		





1KV CABLE  
(003)

CONTACT INSERT VIEW  
FOR FEMALE DSUB 8W8



LABEL: P4 [REDACTED] WR/HTR				LABEL: J4 [REDACTED] WR/HTR	
P/N: POSITRONICS D37000Z00	PIN			PIN	P/N: SCBM8W8S37000G
Channel 1	1	---	---	1	[REDACTED]
Channel 2	2	---	---	2	[REDACTED]
Channel 3	3	---	---	3	[REDACTED]
Channel 4	4	---	---	4	Channel 4
Channel 5	5	---	---	5	Channel 5
Channel 6	6	---	---	6	Channel 6
Channel 7	7	---	---	7	Channel 7
Gnd	8	---	---	8	Gnd

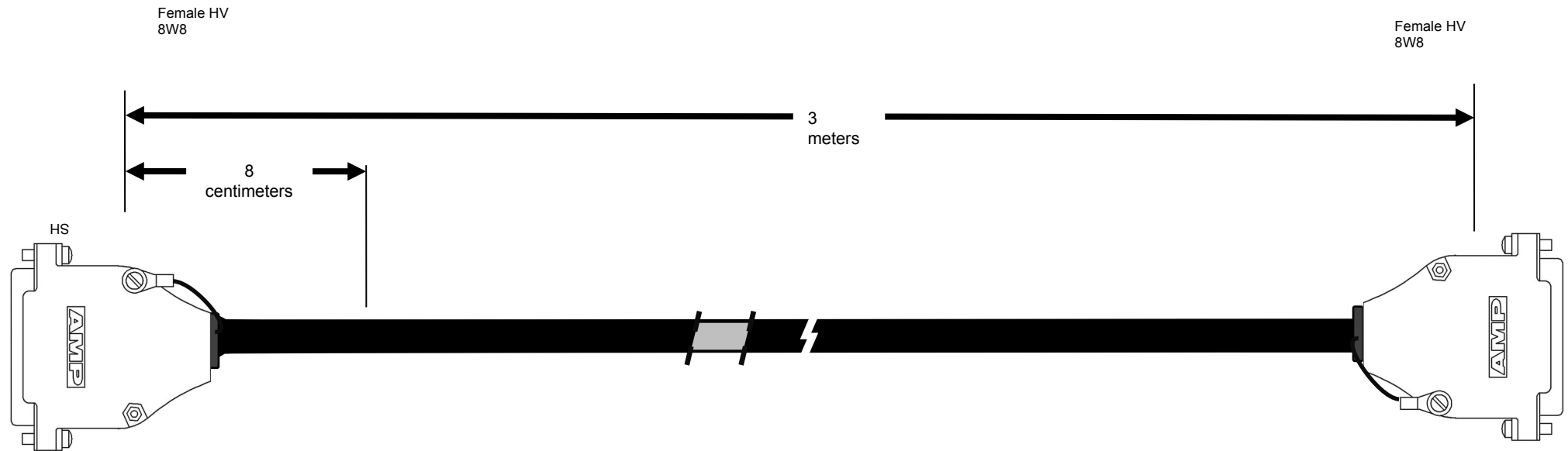
CONTACT INSERT VIEW  
FOR FEMALE DSUB 8W8



LEGEND:	
	COAX COAXIAL CABLE
	TWP TWISTED WIRE PAIR
	STWP SHIELDED TWISTED WIRE PAIR
	SGW SINGLE WIRE
AWG#	AMERICAN WIRE GAUGE NUMBER
P	PLUG (MALE)
S	SOCKET (FEMALE)
PIN	CONNECTOR CONTACT NUMBER
CABLE TYPE*	RG/U 59 ; RG/U 59A ; RG/U 59B ; RG/U 62 ; RG/U 62A ; RG/U 62B ; RG/U 124 ; RG/U 140 ; RG/U 210
*	

TITLE: [REDACTED] 1KV CABLE (003)		NASA GODDARD SPACE FLIGHT CENTER 8800 GREENBELT RD GREENBELD MD 20771			
PROJECT: [REDACTED]		NAME	INIT/ CODE	DATE MM/DD/YY	
		DESIGNED BY: [REDACTED]	[REDACTED] /	08/05/21	
DWG NO	001	DRAWN BY: [REDACTED]	[REDACTED]	08/05/21	
ASSY NO	-	APPROVED BY: [REDACTED]	[REDACTED] /	08/05/21	
REVISION RELEASE DATE	REV-1	APPROVED BY: [REDACTED]	[REDACTED] /	08/05/21	
SHEET NO 1 OF 2		APPROVED BY:			




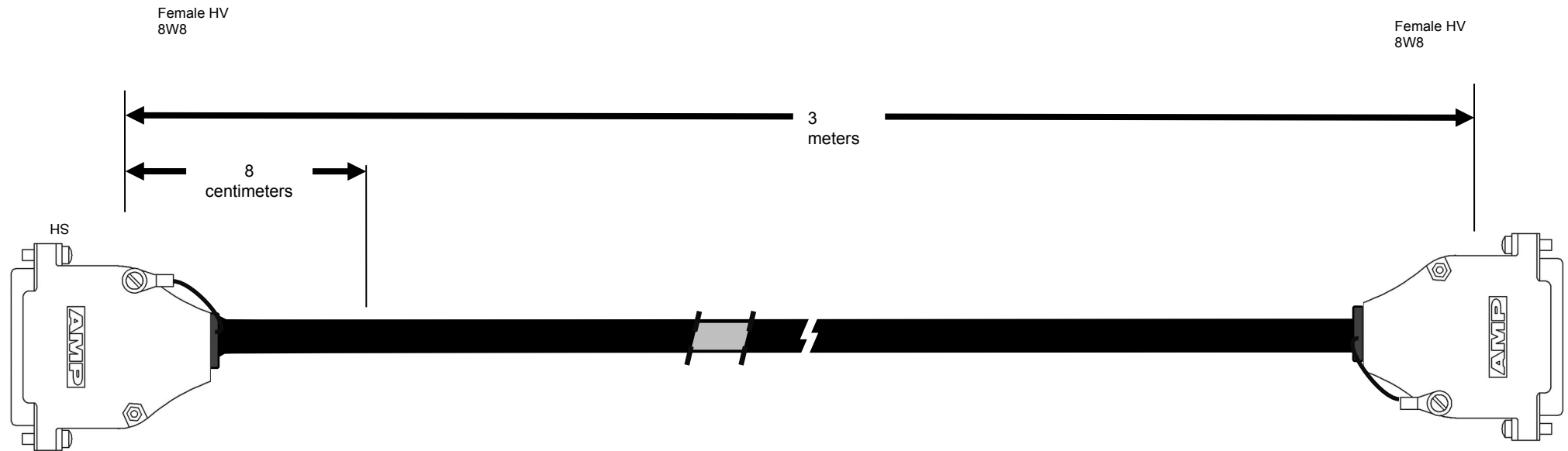


**ASSEMBLY NOTES:**

PLEASE:

1. PLACE CONNECTOR BACK SHELL ON ALL CONNECTORS
2. PLACE SHIELD-BRAID OVER WIRE BUNDLE
3. PLACE EXPANDO (EXANDABLE SLEEVING) ON OUTER LAYER OF HARNESS
4. LABEL ALL CONNECTOR ENDS WITH CONNECTOR DESIGNATOR AND DESCRIPTION

TITLE: ██████████ 1KV CABLE (003)		NASA GODDARD SPACE FLIGHT CENTER 8800 GREENBELT RD GREENBELD MD 20771			
PROJECT: ██████████		NAME	INITI/ CODE	DATE MM/DD/YY	
		DESIGNED BY: ██████████	█ /	08/05/21	
DWG NO	001	DRAWN BY: ██████████	█	08/05/21	
ASSY NO	-	APPROVED BY: ██████████	█ /	08/05/21	
REVISION RELEASE DATE	REV-1	APPROVED BY: ██████████	█	08/05/21	
SHEET NO 12 OF 2		APPROVED BY:			



**ASSEMBLY NOTES:**

PLEASE:

1. PLACE CONNECTOR BACK SHELL ON ALL CONNECTORS
2. PLACE SHIELD-BRAID OVER WIRE BUNDLE
3. PLACE EXPANDO (EXANDABLE SLEEVING) ON OUTER LAYER OF HARNESS
4. LABEL ALL CONNECTOR ENDS WITH CONNECTOR DESIGNATOR AND DESCRIPTION

TITLE: [REDACTED] 1KV CABLE (003)		NASA GODDARD SPACE FLIGHT CENTER 8800 GREENBELT RD GREENBELD MD 20771			
PROJECT: [REDACTED]		NAME	INITI/ CODE	DATE MM/DD/YY	
		DESIGNED BY:	[REDACTED]	08/05/21	
DWG NO	001	DRAWN BY:	[REDACTED]	08/05/21	
ASSY NO	-	APPROVED BY:	[REDACTED]	08/05/21	
REVISION RELEASE DATE	REV-1	APPROVED BY:	[REDACTED]	08/05/21	
SHEET NO 12 OF 2		APPROVED BY:			