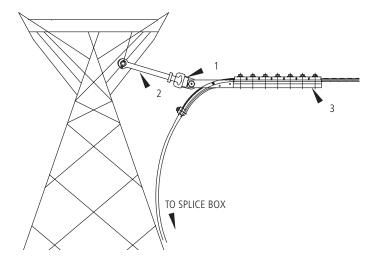
OPGW Single Dead End Lattice Tower Configuration Assemblies

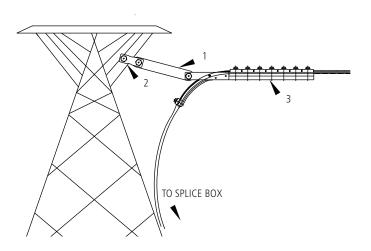


AFL NO.

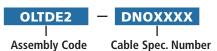


Bill of Material

Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Socket Eye	Galvanized Steel	SE-BDE	1	
2	Y-Clevis Ball Hot Link	Galvanized Steel	YCBHL	1	Pin Dia. = 0.75" (19 mm)
3	Bolted Dead End (Included)	Aluminum	Determined by AFL	1	





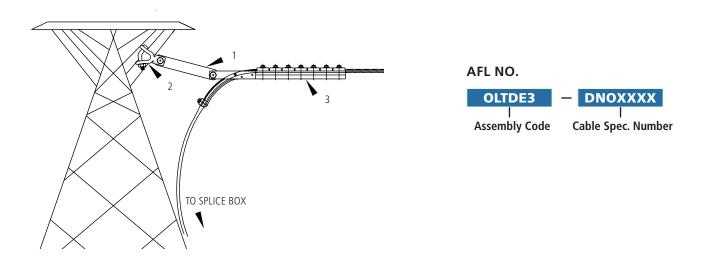


Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Link Plate	Aluminum	ODELP10	1	
2	Y-Clevis Clevis	Galvanized Steel	YCC	1	Pin Dia. = 0.75" (19 mm)
3	Bolted Dead End (Included)	Aluminum	Determined by AFL	1	



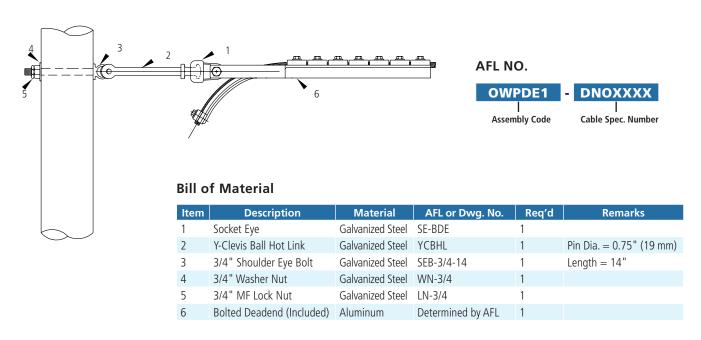


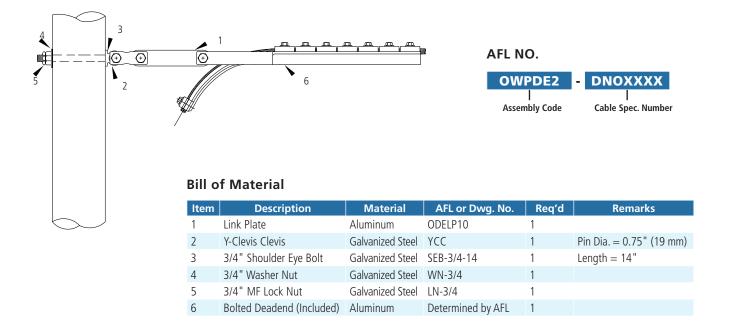
OPGW Single Dead End Lattice Tower Configuration Assemblies (cont.)



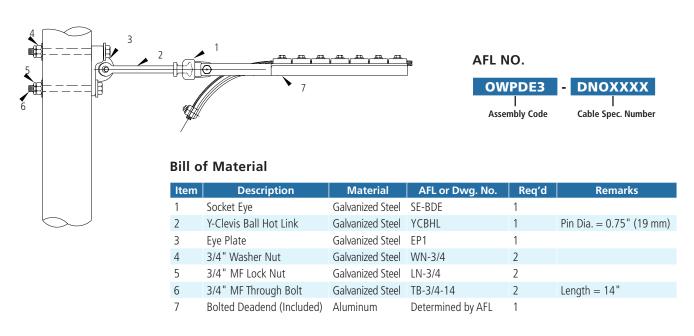
Ite	m	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1		Link Plate	Aluminum	ODELP10	1	
2)	Y-Clevis Clevis 90	Galvanized Steel	YCC-90	1	Pin Dia. = 0.75" (19 mm)
3	}	Bolted Dead End (Included)	Aluminum	Determined by AFL	1	

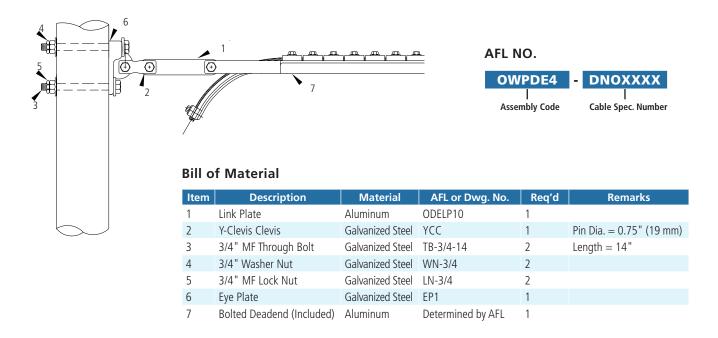
OPGW Single Dead End Wood Pole/H-Frame Configuration Assemblies



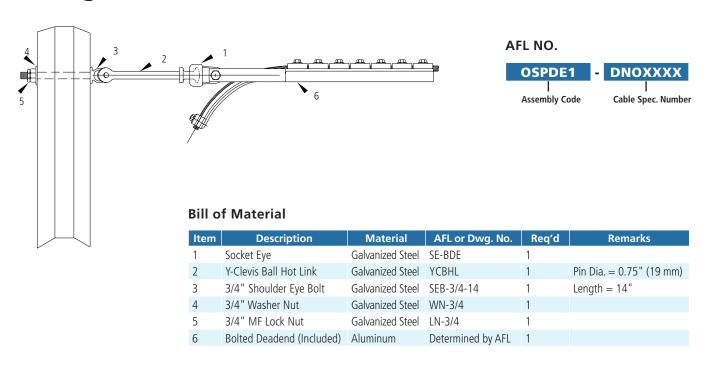


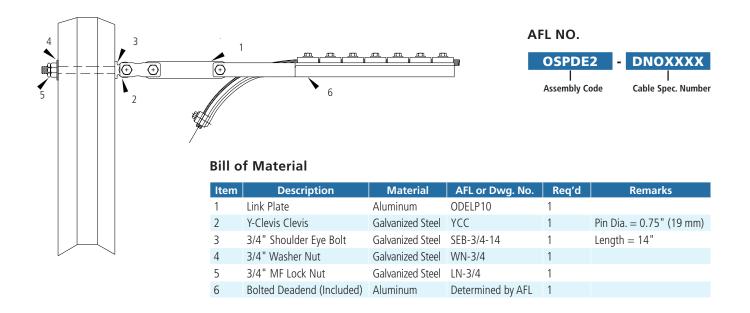
OPGW Single Dead End Wood Pole/H-Frame Configuration Assemblies (cont.)





OPGW Single Dead End Steel Pole/Drilled Configuration Assemblies



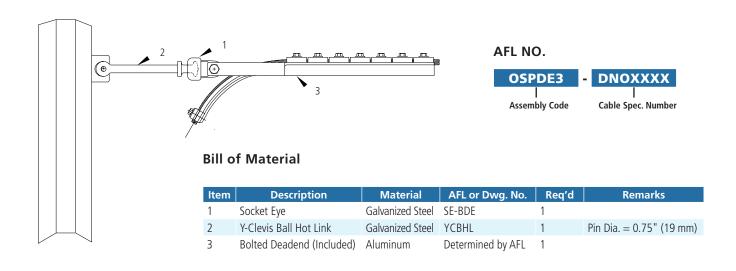


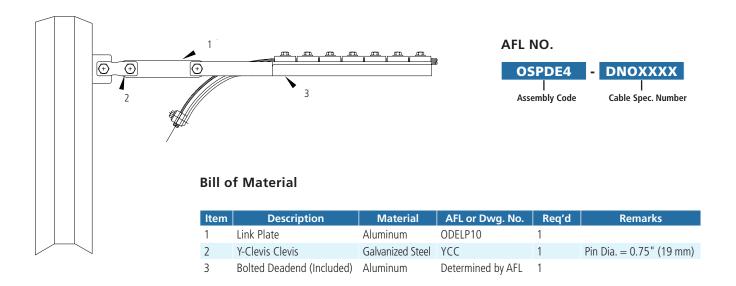
continued

AFLglobal.com

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OPGW Single Dead End Steel Pole/Vang Configuration Assemblies

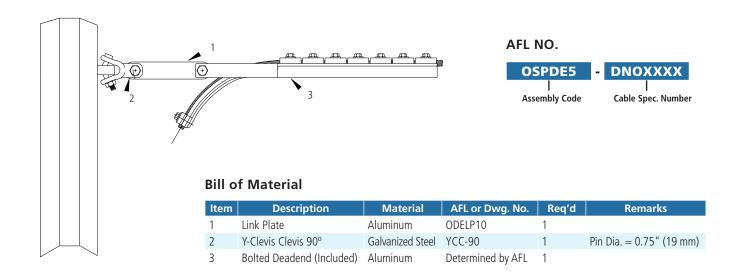




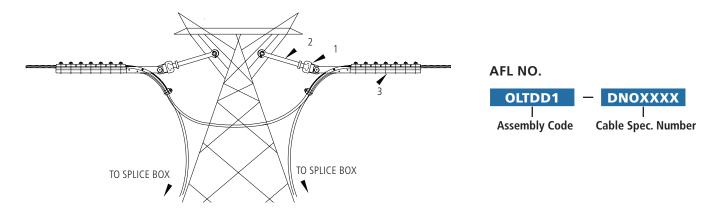
AFLglobal.com

1 (800) 890-8878

OPGW Single Dead End Steel Pole/Vang Configuration Assemblies (cont.)

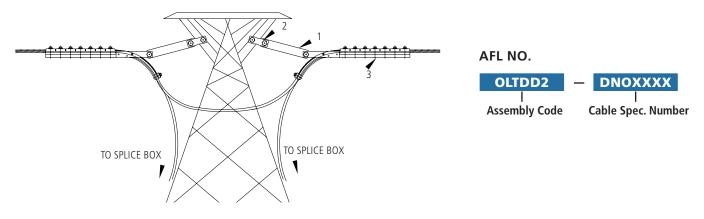


OPGW Double Dead End Lattice Tower Configuration Assemblies

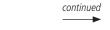


Bill of Material

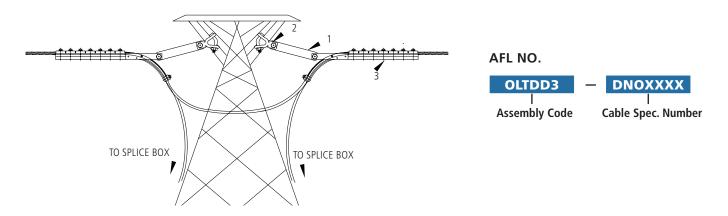
Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Socket Eye	Galvanized Steel	SE-BDE	2	
2	Y-Clevis Ball Hot Link	Galvanized Steel	YCBHL	2	Pin Dia. = 0.75" (19 mm)
3	Bolted Dead End (Included)	Aluminum	Determined by AFL	2	



Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Link Plate	Aluminum	ODELP10	2	
2	Y-Clevis Clevis	Galvanized Steel	YCC	2	Pin Dia. = 0.75" (19 mm)
3	Bolted Dead End (Included)	Aluminum	Determined by AFL	2	

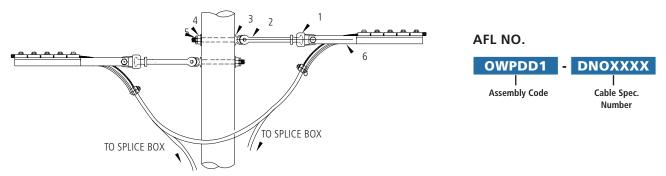


OPGW Double Dead End Lattice Tower Configuration Assemblies (cont.)



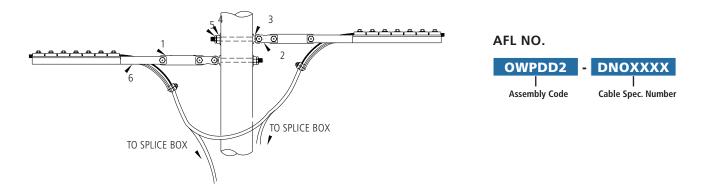
Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Link Plate	Aluminum	ODELP10	2	
2	Y-Clevis Clevis 90	Galvanized Steel	YCC-90	2	Pin Dia. = 0.75" (19 mm)
3	Bolted Dead End (Included)	Aluminum	Determined by AFL	2	

OPGW Double Dead End Wood Pole/H-Frame Configuration Assemblies



Bill of Material

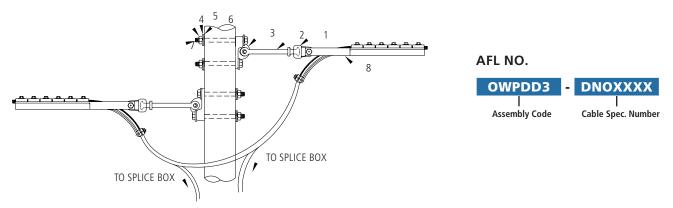
Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Socket Eye	Galvanized Steel	SE-BDE	2	
2	Y-Clevis Ball Hot Link	Galvanized Steel	YCBHL	2	Pin Dia. = 0.75" (19 mm)
3	3/4" Shoulder Eye Bolt	Galvanized Steel	SEB-3/4-14	2	Length = 14"
4	3/4" Washer Nut	Galvanized Steel	WN-3/4	2	
5	3/4" MF Lock Nut	Galvanized Steel	LN-3/4	2	
6	Bolted Deadend (Included)	Aluminum	Determined by AFL	2	



Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Link Plate	Aluminum	ODELP10	2	
2	Y-Clevis Clevis	Galvanized Steel	YCC	2	Pin Dia. = 0.75" (19 mm)
3	3/4" Shoulder Eye Bolt	Galvanized Steel	SEB-3/4-14	2	
4	3/4" Washer Nut	Galvanized Steel	WN-3/4	2	
5	3/4" MF Lock Nut	Galvanized Steel	LN-3/4	2	
6	Bolted Deadend (Included)	Aluminum	Determined by AFL	2	

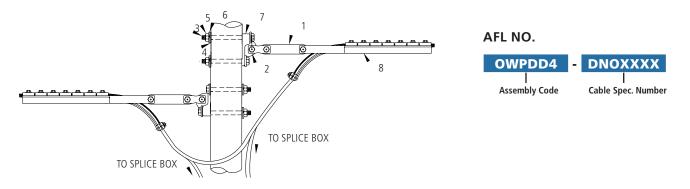


OPGW Double Dead End Wood Pole/H-Frame Configuration Assemblies (cont.)

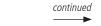


Bill of Material

Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Socket Eye	Galvanized Steel	SE-BDE	2	
2	Y-Clevis Ball Hot Link	Galvanized Steel	YCBHL	2	Pin Dia. = 0.75" (19 mm)
3	Eye Plate	Galvanized Steel	EP1	2	
4	3/4" Lock Washer Nut	Galvanized Steel	LW-3/4	4	
5	3/4" Nut	Galvanized Steel	HN-3/4	4	
6	3/4" Flat Washer	Galvanized Steel	FW -3/4	4	
7	3/4" Through Bolt	Galvanized Steel	TB-3/4-14	4	Length = 14"
8	Bolted Deadend (Included)	Aluminum	Determined by AFL	2	

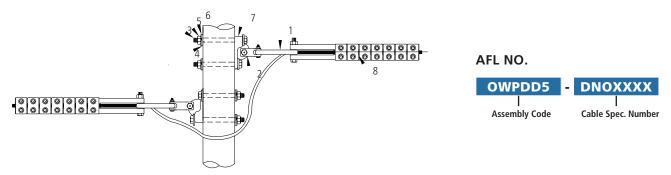


Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Link Plate	Aluminum	ODELP10	2	
2	Y-Clevis Clevis	Galvanized Steel	YCC	2	Pin Dia. = 0.75" (19 mm)
3	3/4" Through Bolt	Galvanized Steel	TB-3/4-14	4	Length = 14"
4	3/4" Flat Washer	Galvanized Steel	FN-3/4	4	
5	3/4" Nut	Galvanized Steel	HN-3/4	4	
6	3/4" Lock Washer	Galvanized Steel	LW-3/4	4	
7	Eye Plate	Galvanized Steel	EP1	2	
8	Bolted Deadend (Included)	Aluminum	Determined by AFL	2	



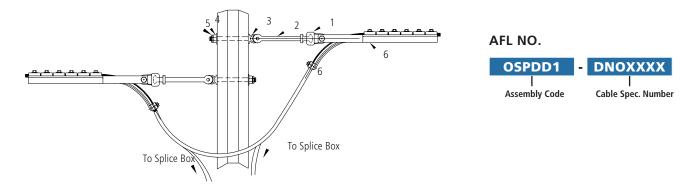


OPGW Double Dead End Wood Pole/H-Frame Configuration Assemblies (cont.)



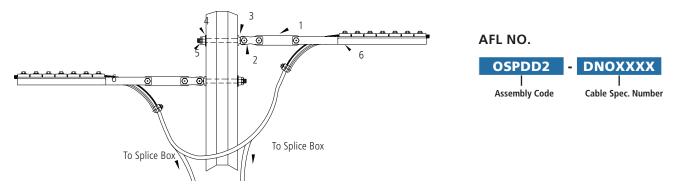
Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Link Plate	Aluminum	ODELP10	2	
2	Y-Clevis Clevis 90°	Galvanized Steel	YCC-90	2	Pin Dia. = 0.75" (19 mm)
3	3/4" Through Bolt	Galvanized Steel	TB-3/4-14	4	Length = 14"
4	3/4" Flat Washer	Galvanized Steel	FN-3/4	4	
5	3/4" Nut	Galvanized Steel	HN-3/4	4	
6	3/4" Lock Washer	Galvanized Steel	LW-3/4	4	
7	Eye Plate	Galvanized Steel	EP1	2	
8	Bolted Deadend (Included)	Aluminum	Determined by AFL	2	

OPGW Double Dead End Steel Pole/Drilled Configuration Assemblies



Bill of Material

Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Socket Eye	Galvanized Steel	SE-BDE	2	
2	Y-Clevis Ball Hot Link	Galvanized Steel	YCBHL	2	Pin Dia. = 0.75" (19 mm)
3	3/4" Shoulder Eye Bolt	Galvanized Steel	SEB-3/4-14	2	
4	3/4" Washer Nut	Galvanized Steel	WN-3/4	2	
5	3/4" MF Lock Nut	Galvanized Steel	LN-3/4	2	
6	Bolted Deadend (Included)	Aluminum	Determined by AFL	2	

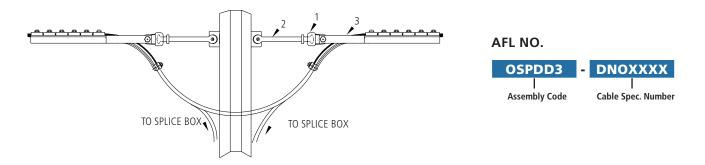


Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Link Plate	Aluminum	ODELP10	2	
2	Y-Clevis Clevis	Galvanized Steel	YCC	2	Pin Dia. = 0.75" (19 mm)
3	3/4" Shoulder Eye Bolt	Galvanized Steel	SEB-3/4-14	2	
4	3/4" Washer Nut	Galvanized Steel	WN-3/4	2	
5	3/4" MF Lock Nut	Galvanized Steel	LN-3/4	2	
6	Bolted Deadend (Included)	Aluminum	Determined by AFL	2	



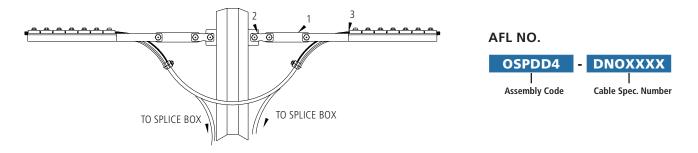


OPGW Double Dead End Steel Pole/Vang Configuration Assemblies



Bill of Material

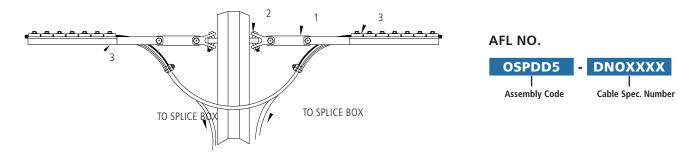
Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Socket Eye	Galvanized Steel	SE-BDE	2	
2	Y-Clevis Ball Hot Link	Galvanized Steel	YCBHL	2	Pin Dia. = 0.75" (19 mm)
3	Bolted Deadend (Included)	Aluminum	Determined by AFL	2	



Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Link Plate	Aluminum	ODELP10	2	
2	Y-Clevis Clevis	Galvanized Steel	YCC	2	Pin Dia. = 0.75" (19 mm)
3	Bolted Deadend (Included)	Aluminum	Determined by AFL	2	

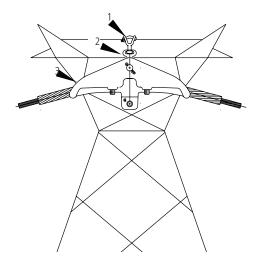


OPGW Double Dead End Steel Pole/Vang Configuration Assemblies (cont.)



Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Link Plate	Aluminum	ODELP10	2	
2	Y-Clevis Clevis 90°	Galvanized Steel	YCC-90	2	Pin Dia. = 0.75" (19 mm)
3	Bolted Deadend (Included)	Aluminum	Determined by AFL	2	

OPGW Single Suspension Lattice Tower Configuration Assemblies



AFL NO.



Bill of Material

Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Y-Clevis Ball	Galvanized Steel	YCBS	1	Pin Dia. = 0.75" (19 mm)
2	Socket Eye	Galvanized Steel	SE-SC	1	
3	Suspension Clamp Assembly (Included)	Aluminum	SUME XXX/XXX	1	

2

AFL NO.

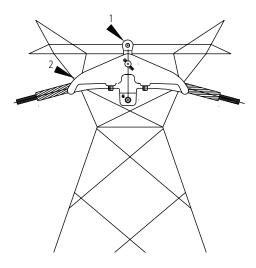


Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Y-Clevis Eye 90°	Galvanized Steel	YC90E-750-1750	1	Pin Dia. = 0.75" (19 mm)
2	Suspension Clamp	Aluminum	SUME XXX/XXX	1	
	Assembly (Included)				





OPGW Single Suspension Lattice Tower Configuration Assemblies (cont.)



AFL NO.

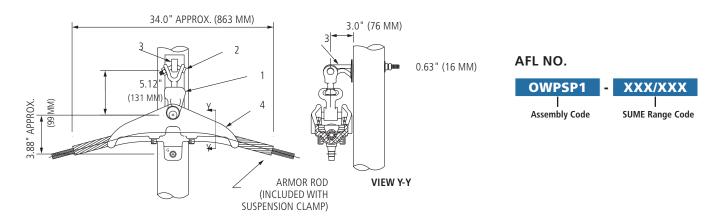
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Assembly Code SUME Range Code

Bill of Material

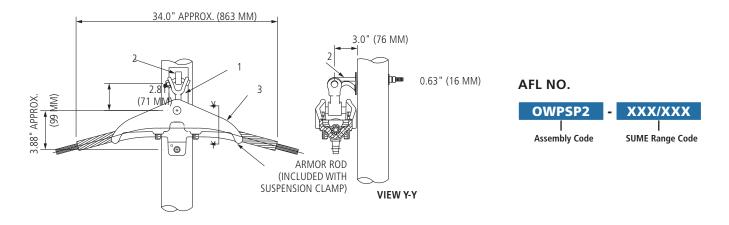
Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Y-Clevis Eye	Galvanized Steel	YCE-690-1125	1	Pin Dia. = 0.75" (19 mm)
2	Suspension Clamp	Aluminum	SUME XXX/XXX	1	
	Assembly (Included)				

OPGW Single Suspension Wood Pole/H-Frame Configuration Assemblies



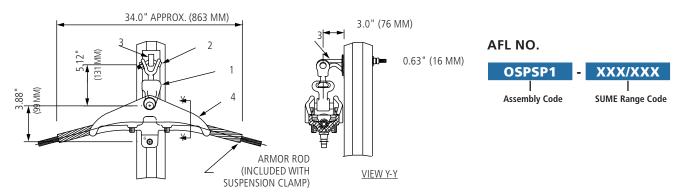
Bill of Material

Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Socket Eye	Galvanized Steel	SE-SC	1	
2	Y-Clevis Ball	Galvanized Steel	YCBS	1	Pin Dia. = 0.75" (19 mm)
3	Shield Wire Support Bracket	Galvanized Steel	SFOSB-WP-14	1	14" Bolt, 0.63" (16 mm) Dia.
4	Suspension Clamp Assembly (included)	Aluminum	SUME XXX/XXX	1	



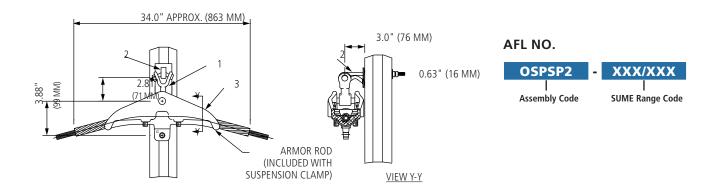
Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Y-Clevis Eye 90°	Galvanized Steel	YC90E-750-1750	1	Pin Dia. = 0.75" (19 mm)
2	Shield Wire Support Bracket	Galvanized Steel	SFOSB-WP-14	1	14" Bolt, 0.63" (16 mm) Dia.
3	Susp. Damp Assembley (included)	Aluminum	SUME XXX/XXX	1	

OPGW Single Suspension Steel Pole/Drilled Configuration Assembly



Bill of Material

Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Socket Eye	Galvanized Steel	SE-SC	1	
2	Y-Clevis Ball	Galvanized Steel	YCBS	1	Pin Dia. = 0.75" (19 mm)
3	Shield Wire Support Bracket	Galvanized Steel	SFOSB-WP-14	1	14" Bolt, 0.63" (16 mm) Dia.
4	Suspension Clamp Assembly (Included)	Aluminum	SUME XXX/XXX	1	

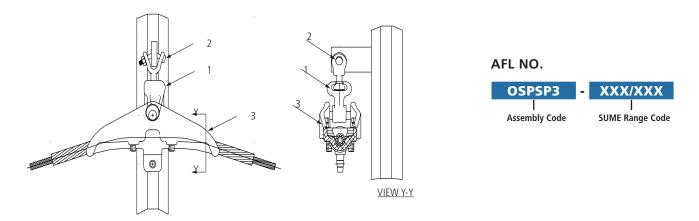


Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Y-Clevis Eye 90°	Galvanized Steel	YC90E-750-1750	1	Pin Dia. = 0.75" (19 mm)
2	Shield Wire Support Bracket	Galvanized Steel	SFOSB-WP-14	1	14" Bolt, 0.63" (16 mm) Dia.
3	Suspension Clamp Assembly (Included)	Aluminum	SUME XXX/XXX	1	



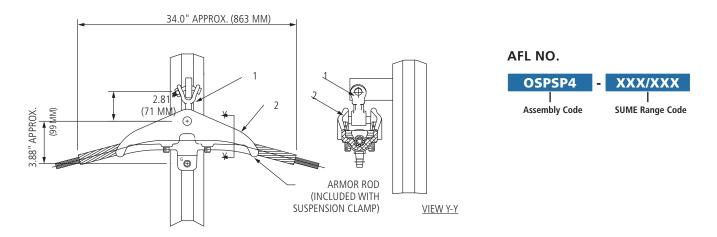


OPGW Single Suspension Steel Pole/Vang Configuration Assemblies



Bill of Material

Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Socket Eye	Galvanized Steel	SE-SC	1	
2	Y-Clevis Ball	Galvanized Steel	YCBS	1	Pin Dia. = 0.75" (19 mm)
3	Suspension Clamp Assembly (Included)	Aluminum	SUME XXX/XXX	1	

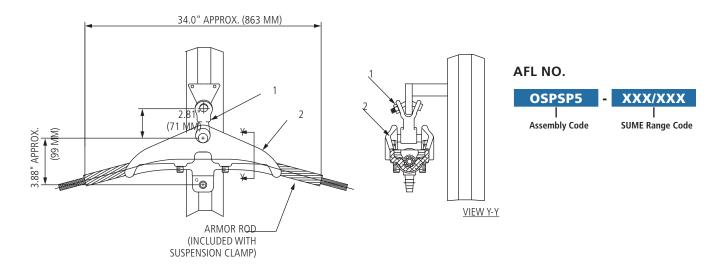


Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Y-Clevis Eye 90°	Galvanized Steel	YC90E-750-1750	1	Pin Dia. = 0.75" (19 mm)
2	Suspension Clamp Assembly (Included)	Aluminum	SUME XXX/XXX	1	



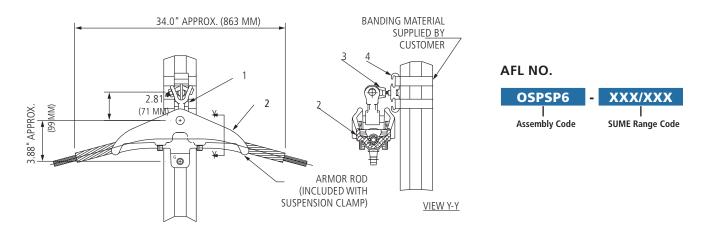


OPGW Single Suspension Steel Pole/Vang Configuration Assemblies (cont.)



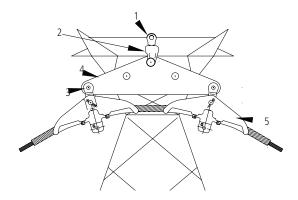
Bill of Material

Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Y-Clevis Eye	Galvanized Steel	YCE-690-1125	1	Pin Dia. = 0.75" (19 mm)
2	Suspension Clamp Assembly (Included)	Aluminum	SUME XXX/XXX	1	



Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Y-Clevis Eye 90°	Galvanized Steel	YC90E-750-1750	1	Pin Dia. = 0.75" (19mm)
2	Suspension Clamp Assembly (Included)	Aluminum	SUME XXX/XXX	1	
3	Eye Bolt	Galvanized Steel			
4	Banding Adaptor	Aluminum			

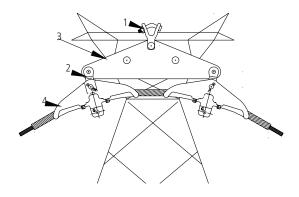
OPGW Double Suspension Lattice Tower Configuration Assemblies





Bill of Material

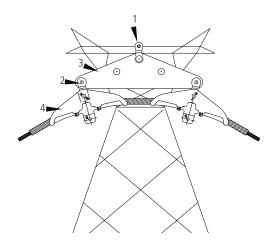
ltem	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Y-Clevis Ball	Galvanized Steel	YCBS	1	Pin Dia. = 0.75" (19 mm)
2	Socket Clevis	Galvanized Steel	SC-YP	1	
3	Clevis Eye	Galvanized Steel	CE-SC	2	
4	Yoke Plate	Galvanized Steel	SUMEYP	1	
5	Double Suspension (included)	Aluminum	ODSME XXX/XXX	1	

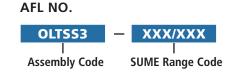




Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Y-Clevis Clevis 90°	Galvanized Steel	YCC-90	1	Pin Dia. = 0.75" (19 mm)
2	Clevis Eye	Alum./Gal. Steel	CE-SC	2	
3	Yoke Plate	Alum./Gal. Steel	SUMEYP	1	
4	Double Suspension (included)	Alum./Gal. Steel	ODSME XXX/XXX	1	

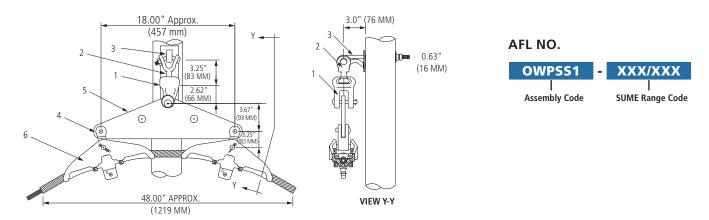
OPGW Double Suspension Lattice Tower Configuration Assemblies (cont.)





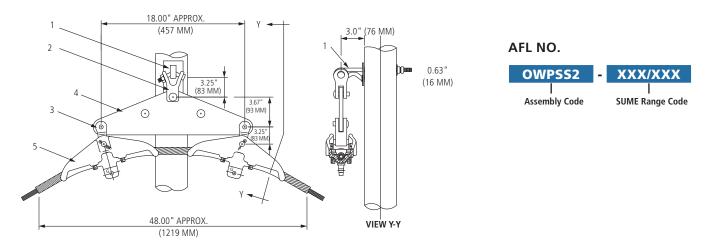
Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Y-Clevis Clevis	Galvanized Steel	YCC	1	Pin Dia. = 0.75" (19 mm)
2	Clevis Eye	Galvanized Steel	CE-SC	2	
3	Yoke Plate	Galvanized Steel	SUMEYP	1	
4	Double Suspension (included)	Aluminum	ODSME XXX/XXX	1	

OPGW Double Suspension Wood Pole/H-Frame Configuration Assemblies



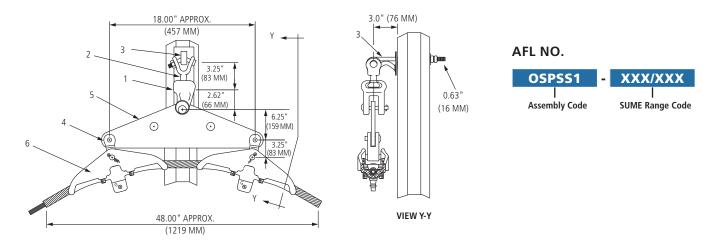
Bill of Material

Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Socket Clevis	Galvanized Steel	SC-YP	1	
2	Y-Clevis Ball	Galvanized Steel	YCBS	1	Pin Dia. = 0.75" (19 mm)
3	Shield Wire Support Bracket	Galvanized Steel	SFOSB-WP-14	1	14" Bolt, 0.63" (16 mm) Dia.
4	Clevis Eye	Galvanized Steel	CE-SC	2	
5	Yoke Plate	Galvanized Steel	SUMEYP	1	
6	Double Suspension (incl.)	Aluminum	ODSME XXX/XXX	1	



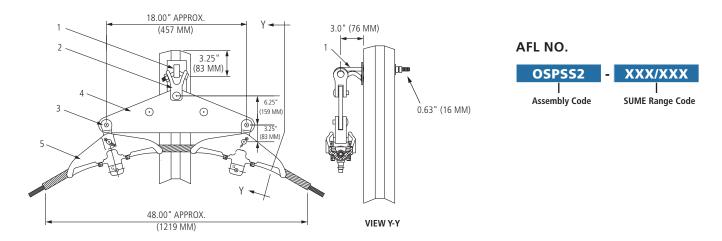
Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Shield Wire Support Bracket	Galvanized Steel	SFOSB-WP-14	1	14" Bolt, 0.63" (16 mm) Dia.
2	Y-Clevis Clevis 90°	Galvanized Steel	YCC-90	1	Pin Dia. = 0.75" (19 mm)
3	Clevis Eye	Galvanized Steel	CE-SC	2	
4	Yoke Plate	Galvanized Steel	SUMEYP	1	
5	Double Suspension (Included)	Aluminum	ODSME XXX/XXX	1	

OPGW Double Suspension Steel Pole/Drilled Configuration Assembly



Bill of Material

Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Socket Clevis	Galvanized Steel	SC-YP	1	
2	Y-Clevis Ball	Galvanized Steel	YCBS	1	Pin Dia. = 0.75" (19 mm)
3	Shield Wire Support Bracket	Galvanized Steel	SFOSB-WP-14	1	14" Bolt, 0.63" (16 mm) Dia.
4	Clevis Eye	Galvanized Steel	CE-SC	2	
5	Yoke Plate	Galvanized Steel	SUMEYP	1	
6	Double Suspension (incl.)	Aluminum	ODSME XXX/XXX	1	

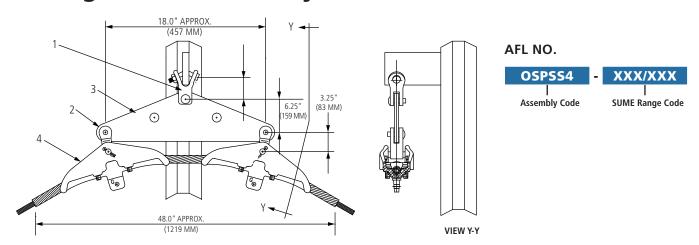


Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Shield Wire Support Bracket	Galvanized Steel	SFOSB-WP-14	1	14" Bolt, 0.63" (16 mm) Dia.
2	Y-Clevis Clevis 90°	Galvanized Steel	YCC-90	1	Pin Dia. = 0.75" (19 mm)
3	Clevis Eye	Galvanized Steel	CE-SC	2	
4	Yoke Plate	Galvanized Steel	SUMEYP	1	
5	Double Suspension (incl.)	Aluminum	ODSME XXX/XXX	1	



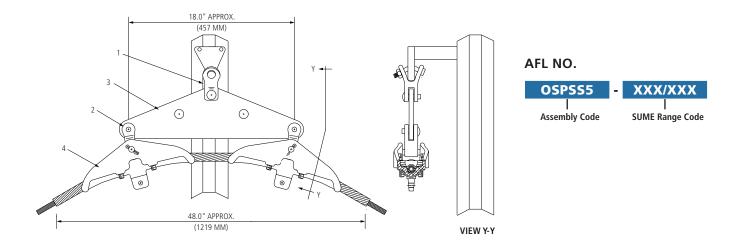


OPGW Double Suspension Steel Pole/Vang Configuration Assembly



Bill of Material

Item	Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Y-Clevis Clevis 90°	Galvanized Steel	YCC-90	1	Pin Dia. = 0.75" (19 mm)
2	Clevis Eye	Galvanized Steel	CE-SC	2	
3	Yoke Plate	Galvanized Steel	SUMEYP	1	
4	Double Suspension (incl.)	Aluminum	ODSME XXX/XXX	1	



Iter	n Description	Material	AFL or Dwg. No.	Req'd	Remarks
1	Y-Clevis Clevis	Galvanized Steel	YCC	1	Pin Dia. = 0.75" (19 mm)
2	Clevis Eye	Galvanized Steel	CE-SC	2	
3	Yoke Plate	Galvanized Steel	SUMEYP	1	
4	Double Suspension (incl.)	Aluminum	ODSME XXX/XXX	1	