What is Claimed is:

1. A termination arrangement for an overhead electrical cable, comprising:

a compression-type gripping element gripping a fiber-reinforced composite strength member of an overhead electrical cable;

a connector operatively attached to the compression-type gripping element, the connector comprising:

a connector body; and

a longitudinal connector body bore extending longitudinally from a first connector body aperture in one end of the connector body toward an opposite end of the connector body,

wherein (i) the longitudinal connector body bore extends through the connector body from the first connector body aperture in the one end of the connector body to a second aperture at the opposite end of the connector, or (ii) the longitudinal connector body bore is in operative communication with a non-longitudinal bore that is disposed at an angle of from about 70° to about 130° relative to the longitudinal connector body bore.

2. The termination arrangement recited in Claim 1, comprising a fastener operatively affixed to the opposite end of the connector body.

3. The termination arrangement recited in Claim 1 or Claim 2, wherein the compression-type gripping element comprises a compression wedge.

4. The termination arrangement recited in Claim 3, wherein the compression-type fitting comprises a collet disposed within a collet housing.

5. The termination arrangement recited in Claim 4, wherein the connector body is operatively attached to the collet housing.

6. The termination arrangement recited in Claim 5, wherein the connector body is threadably engaged with the collet housing.

7. The termination arrangement recited in any one of Claims 1 to 6, comprising an outer sleeve disposed over at least the gripping element.

8. The termination arrangement recited Claim 7, wherein the outer sleeve surrounds at least a portion of the connector body.

9. The termination arrangement recited in Claim 7 or Claim 8, wherein the outer sleeve comprises a conductive body.

10. The termination arrangement recited in any one of Claims 7 to 9, wherein the outer sleeve comprises a jumper plate operatively attached to the conductive body.

11. The termination arrangement recited in Claim 10, wherein the jumper plate is located toward the opposite end of the outer sleeve.

12. The termination arrangement recited in any one of Claims 1 to 11, wherein the longitudinal connector body bore extends through the connector body from the first connector body aperture in the one end of the connector body to a second connector body aperture at the opposite end of the connector body.

13. The termination arrangement recited in Claim 12, wherein the longitudinal connector body bore is sized and shaped to receive the strength member of an overhead electrical cable.

14. The termination arrangement recited in any one of Claims 1 to 13, wherein the longitudinal connector body bore has a substantially circular cross-section and has a diameter of at least about 6 mm.

15. The termination arrangement recited in any one of Claims 12 to 14, wherein the longitudinal connector body bore has a diameter of not greater than about 18 mm.

16. The termination arrangement recited in any one of Claims 12 to 15, comprising a removable cover operatively disposed over the second connector body aperture.

17. The termination arrangement recited in Claim 16, wherein the removable cover is secured over the second connector body aperture using at least one threaded fastener.

18. The termination arrangement recited in Claim 16, wherein the removable cover is threadably engaged with the second connector body aperture.

19. The termination arrangement recited in Claim 16, wherein the removable cover is friction fit into the second connector body aperture.

20. The termination arrangement recited in any one of Claims 1 to 19, wherein the fastener comprises an eyebolt.

21. The termination arrangement recited in Claim 20, wherein the eyebolt is permanently affixed to the connector body.

22. The termination arrangement recited in Claim 21, comprising an eyebolt bore extending through a base of the eyebolt, wherein the eyebolt bore lies along the longitudinal axis of the longitudinal connector body bore.

23. The termination arrangement recited in Claim 22, wherein the eyebolt bore has substantially the same size and cross-section as the connector body bore.

24. The termination arrangement recited in any one of Claims 12 to 19, wherein the fastener comprises a clevis having a base and two spaced-apart clevis prongs extending from the base.

25. The termination arrangement recited in Claim 24, wherein the second connector body aperture is disposed through the base and between the two spaced-apart prongs.

26. The termination arrangement recited in Claim 24 or Claim 25, wherein each of the two spaced-apart prongs comprises a bolt aperture disposed toward an end of the spaced-apart prongs opposite the base.

27. The termination arrangement recited in Claim 25 or Claim 26, wherein each of the bolt apertures are offset from a longitudinal axis of the connector body.

28. The termination arrangement recited in any one of Claims 12 to 19, wherein the fastener is detachable from and re-attachable to the connector body.

29. The termination arrangement recited in Claim 28, wherein the fastener is threadably engaged with the connector body.

30. The termination arrangement recited in Claim 28, wherein the fastener is bolted to the connector body.

31. The termination arrangement recited in any one of Claims 28 to 30, wherein the fastener comprises a clevis having a base and two spaced-apart prongs extending from the base.

32. The termination arrangement recited in any one of Claims 28 to 30, wherein the fastener comprises an eyebolt comprising a base and a closed loop extending from the base.

33. The termination arrangement recited in any one of Claims 28 to 32, further comprising a sling coupling.

34. The termination arrangement recited in Claim 33, wherein the sling coupling is affixed to the connector body.

35. The termination arrangement recited in Claim 34, wherein the sling coupling is permanently affixed to the connector body.

36. The termination arrangement recited in any one of Claims 33 to 35, wherein the sling coupling comprises a closed loop.

37. The termination arrangement recited in any one of Claims 1 to 11, wherein the non-longitudinal connector body bore is disposed at an angle of from about 70° to about 130° relative to the longitudinal connector body bore.

38. The termination arrangement recited in Claim 37, comprising a non-longitudinal connector body bore aperture disposed at an end of the non-longitudinal connector body bore.

39. The termination arrangement recited in Claim 37 or Claim 38, comprising a reflective element disposed at an interface between the longitudinal connector body bore and the non-longitudinal connector body bore, where the reflective element is configured to reflect light between the longitudinal connector body bore and the non-longitudinal connector body bore.

40. The termination arrangement recited in Claim 38 or Claim 39, comprising a removable cover operatively disposed over the non-longitudinal connector body bore aperture.

41. The termination arrangement recited in Claim 40, wherein the removable cover is secured over the non-longitudinal connector body bore aperture using at least a first threaded fastener.

42. The termination arrangement recited in Claim 41, wherein the removable cover is threadably engaged with the non-longitudinal bore aperture.

43. The termination arrangement recited in Claim 40, wherein the removable cover is friction fit into the non-longitudinal bore aperture.

44. The termination arrangement recited in any one of Claims 37 to 43, wherein the longitudinal connector body bore terminates before a proximal end of the connector body.

45. The termination arrangement recited in any one of Claims 37 to 43, wherein the longitudinal connector body bore extends to the proximal end of the connector body.

46. A method for terminating an overhead electrical cable comprising a fiber-reinforced strength member and a plurality of conductive strands wrapped around the strength member, the method comprising the steps of:

separating the conductive strands from an end portion of the fiber-reinforced composite strength member;

inserting the end portion of the fiber-reinforced composite strength member into a termination arrangement, the termination arrangement comprising a connector having a connector body and a connector body bore, wherein the connector body bore extends longitudinally through the connector body from a first connector body aperture in one end of the connector body to a second connector body aperture at an opposite end of the connector body,

wherein the step of inserting the fiber-reinforced composite strength member includes placing the end portion of the fiber-reinforced composite strength member at least partially into the connector body bore.

47. The method recited in Claim 46, wherein the inserting step includes inserting the end portion of the fiber-reinforced composite strength member into a gripping element.

48. The method recited in Claim 47, wherein the gripping element comprises a compression-type fitting.

49. The method recited in any one of Claims 46 to 48, comprising the step of placing an outer sleeve over at least a portion of the connector body.

50. The method recited in Claim 49, comprising the step of compressing the outer sleeve onto the connector body.

51. A method for interrogating an overhead electrical cable through a termination arrangement, the overhead electrical cable having a strength member comprising interrogation elements and a plurality of conductive strands wrapped around the strength member, comprising the steps of:

separating the conductive strands from an end segment of the strength member;

operatively securing a termination arrangement to the overhead electrical cable, the termination arrangement comprising:

a gripping element configured to grip the strength member;

a connector operatively attached to the gripping element, the connector comprising a connector body and a connector body bore extending longitudinally from a first aperture in one end of the connector body toward an opposite end of the connector body,

wherein (i) the longitudinal connector body bore extends through the connector body from the first aperture in the one end of the connector body to a second aperture at the opposite end of the connector, or (ii) the longitudinal connector body bore is in operative communication with a non-longitudinal bore that is disposed at an angle of from about 70° to about 130° relative to the longitudinal connector body bore,

wherein the step of operatively securing the termination arrangement to the overhead electrical cable comprises:

securing a first portion of the end segment of the strength member with the gripping element; and

placing a second portion of the end segment of the strength member into the connector body bore, and

interrogating the strength member through the termination arrangement using an interrogation device.

52. The method recited in Claim 51, wherein the strength member is fully disposed within the termination arrangement during the interrogation step.

53. The method recited in Claim 51, wherein the strength member extends beyond the termination arrangement during the interrogation step.

54. The method recited in any one of Claims 51 to 53, wherein the strength member is a fiber-reinforced composite strength member.

55. The method recited in Claim 48, wherein the compression-type fitting comprises a collet and collet housing.